

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

DIRECTORY

FOREST SERVICE

OCTOBER, 1924

This directory is issued semiannually and is for the exclusive use of members of the Forest Service and cooperating bureaus.

Unless otherwise indicated, the officers in charge of the individual Forests are forest supervisors, and those in charge of the individual ranger districts are forest rangers.

Titles are omitted unless needed to show the relation of individuals to the organization or to indicate the specific duties to which they are assigned

The express address of the ranger district is the same as the headquarters unless otherwise indicated.

WU=Western Union; P=Postal; C=Continental; PT & T=Pacific Telephone & Telegraph; SC, USA=Signal Corps, United States Army.



U. S. DEPARTMENT OF AGRICULTURE

OFFICE OF THE FORESTER

WILLIAM B. GREELEY, Forester

EDWARD A. SHERMAN, Associate Forester

FINANCE AND ACCOUNTS

H. I. LOVING, chief; O. A. Zimmerli, general assistant.

ACCOUNTING: General.—J. H. Kerrick.

Roads and Acquisition.—Louis King.

Cost Keeping.—O. A. Zimmerli.

CLAIMS.—O. A. Zimmerli.

TRANSPORTATION.—M. B. Baldenburg.

AUDIT.—W. H. Shir-Cliff.

APPOINTMENTS.—Blanche A. Judson.

OPERATION

ROY HEADLEY, assistant forester; G. G. Anderson, administrative assistant; Evan W. Kelley, inspector; Henry Wold.

MAINTENANCE.—G. M. Randal.

SUPPLY DEPOT, OGDEN, UTAH.—Frank Haynie, property assistant and purchasing agent.

FOREST MANAGEMENT

E. E. CARTER, assistant forester; Harry Irion, administrative assistant.

COOPERATION WITH PRIVATE TIMBERLAND OWNERS.—A. Cary, logging engineer.

NATIONAL FOREST DIVISION.—J. F. Preston and I. F. Eldredge, forest inspectors.

STATE AND PRIVATE DIVISION.—J. G. Peters, forest inspector; C. R. Tillotson and G. T. Backus, district forest inspectors.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW — Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Ohio, Maryland, Virginia, West Virginia, North Carolina, Tennessee, Kentucky, Alabama, Louisiana, Texas, Michigan, Wisconsin, Minnesota, South Dakota, Montana, Idaho, Washington, Oregon, California, and New Mexico; J. G. Peters; C. R. Tillotson and G. T. Backus, district forest inspectors.

FARM FORESTRY.—G. H. Collingwood, extension forester (with Office of Cooperative Extension Work); W. R. Mattoon, forest examiner.

COMPILATION OF STATE FORESTRY LAWS.—Miss J. S. Peyton.

GRAZING

WILL C. BARNES, assistant forester; C. E. Rachford, inspector of grazing.

GRAZING STUDIES (in cooperation with F. V. Coville, botanist, Bureau of Plant industry).—William R. Chapline.

FORAGE INVESTIGATIONS.—William A. Dayton; Mary T. Keleher.

RANGE RESERVE EXPERIMENTS.—Jornada Reserve: J. D. Schoeller, director, Las Cruces, N. Mex.; Joseph Kramer, Hurst R. Julian, Amihud Grasovsky. Santa Rita Reserve: Matt J. Culley, director, Tucson, Ariz.

LANDS

L. F. KNEIPP, assistant forester; C. H. Squire, assistant; D. F. McGowan, inspector of lands.

LAND EXCHANGE.—W. J. Mangan, executive assistant.

RESEARCH

EARLE H. CLAPP, assistant forester; Ward Shepard, assistant chief of Branch; Harry Irion, administrative assistant; Clarke F. Hunn, editor.

DENDROLOGY.—George B. Sudworth, dendrologist.

FOREST EXPERIMENT STATIONS.—Edw. N. Munns and Donald Bruce, silviculturists.

FOREST MEASUREMENTS.—R. M. Brown, forest examiner.

LIBRARY.—H. E. Stockbridge.

COMPILATION.—E. B. Leech.

STATISTICS.—Alice M. Meynes.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—F. C. Craighead, in charge, Washington, D. C.; T. E. Snyder and A. C. Boying, entomologists; William Middleton and R. A. St. George, assistant entomologists.

Forest Experiment Stations.

APPALACHIAN.—E. H. Frothingham, director, Asheville, N. C.; E. F. McCarthy, silviculturist; C. F. Korstian, associate silviculturist; F. W. Haasis, assistant silviculturist; L. H. Reineke, technical assistant; Josephine Laxton, clerk.

CLOQUET (University of Minnesota in cooperation with the Lake States Forest Experiment Station).—Raphael Zon, director, St. Paul, Minn.; T. Shantz Hansen and E. E. Probstfield, assistants.

FREMONT.—C. G. Bates, silviculturist, Federal Building, Colorado Springs, Colo.; J. Roeser, jr., associate silviculturist; Clara E. Skamser, clerk. Wagon Wheel Gap, Rio Grande National Forest, Erle L. Hardy, meteorologist, Weather Bureau, Wagon Wheel Gap, Colo.

LAKE STATES (in cooperation with the University of Minnesota).—Raphael Zon, director, University Farm, St. Paul, Minn.; Joseph Kittredge, jr., and J. A. Mitchell, silviculturists; A. E. Wackerman, technical assistant; S. A. Graham, consulting entomologist (Bureau of Entomology); Mary A. Norton, clerk.

PACIFIC NORTHWEST.—Thornton T. Munger, director, Lewis Building, Portland, Oreg.; Leo A. Isaac and R. E. McArdle, technical assistants; A. G. Simson, ranger; June H. Wertz, clerk.

NORTHEASTERN (in cooperation with the Massachusetts Agricultural College, Amherst, Mass.).—S. T. Dana, director; C. E. Behre and M. Westveld, associate silviculturists; Walter H. Meyer and Paul W. Stickle, technical assistants; H. B. Peirson and J. A. Beal, entomologists (Bureau of Entomology); Mary E. Turrell, clerk.

PRIEST RIVER.—R. H. Weidman, director, Montana Building, Missoula, Mont.; H. T. Gisborne, assistant silviculturist; W. G. Wahlenberg, I. T. Haig, and Gerhard Kempff, technical assistants; Jennie Peterson, clerk.

SOUTHERN.—R. D. Forbes, director, customhouse, New Orleans, La.; Lenthall Wyman, associate silviculturist; E. W. Hadley and W. R. B. Hine, assistant silviculturists; Geo. B. Shivery and Philip C. Wakeley, technical assistants; V. M. Spuhler, clerk.

SOUTHWESTERN.—G. A. Pearson, silviculturist, Flagstaff, Ariz.; Herman Krauch, associate silviculturist; W. J. Osborn, ranger; Fred W. Hedlund, clerk.

FOREST PRODUCTS LABORATORY (in cooperation with the University of Wisconsin, Madison, Wis.).—Carlile P. Winslow, director; Aldo Leopold, assistant director; H. D. Tiemann, dry-kiln specialist; E. Peck, assistant.

PUBLICATION OF RESULTS.—Ray C. Tuttle.

Editing.—T. J. Mosley.

Information.————.

Distribution.—E. V. Jotter

Illustrations.—F. J. Champion.

WOOD TECHNOLOGY.—Arthur Koehler, Eloise Gerry, W. W. Weber, Gertrude J. Griffin, M. C. Jensen.

DERIVED PRODUCTS.—L. F. Hawley.

Distillation.—L. F. Hawley, E. Beglinger.

Wood Preservatives.—E. Bateman, C. Henningsen, R. H. Baechler.

Hydrolysis.—E. C. Sherrard.

Wood Chemistry.—Geo. J. Ritter, L. C. Fleck.

PULP AND PAPER.—John D. Rue; F. G. Rawling, assistant.

Soda and Sulphate Processes.—F. G. Rawling, J. Staidl.

Sulphite Process.—R. N. Miller, W. H. Swanson.

Bleaching Process.—C. E. Curran, P. K. Baird.

Chemistry of Pulp.—M. W. Bray.

Physical Properties of Pulp.—R. N. Miller, J. F. Moehlman.

Utilization of Fibrous Plants for Pulp.—S. D. Wells, E. R. Schafer, B. S. Summers, W. H. Monsson.

Mill Waste Studies.—John D. Rue.

Pulp and Pulpwood Decay.—John D. Rue.

Mechanical Pulp.—R. N. Miller.

Commercial Relations.—S. D. Wells.

TIMBER MECHANICS.—J. A. Newlin, L. J. Markwardt, assistant.

Structural Timbers: Grading Rules and Working Stresses.—J. A. Newlin, H. S. Grenoble, R. P. A. Johnson.

Comparison of Species; Standard Strength Tests.—L. J. Markwardt, J. M. Gahagan.

Effect of Treatment and Decay on Strength.—T. R. C. Wilson, R. P. A. Johnson, R. F. Luxford.

Bending to Form.—T. R. C. Wilson, J. M. Gahagan.

Manufactured Articles.—Geo. E. Heck, R. F. Luxford.

Aircraft Study.—J. A. Newlin, G. W. Trayer, J. R. McAteer.

Influence of Growth Conditions on Strength.—B. H. Paul.

Containers.—C. A. Plaskett, Geo. E. Heck, I. B. Lanphier, T. A. Carlson.

Preparation of Material for Publication.—L. J. Markwardt.

TIMBER PHYSICS.—Rolf Thelen; J. S. Mathewson, assistant; L. L. DeFlon, R. H. Grabow, A. C. Knauss, W. K. Loughborough, L. V. Teesdale.

WOOD PRESERVATION.—George M. Hunt; A. L. Heim, assistant.

Moisture Proofing and Moulded Products.—M. E. Dunlap.

Wood Preservation.—J. D. MacLean, R. M. Wirka.

Wood Gluing Studies.—T. R. Truax, Don Brouse, C. A. Harrison.

Wood Finishing and Glue Development.—F. L. Browne.

INDUSTRIAL INVESTIGATIONS.—C. V. Sweet.

Small Dimension Stock.—A. O. Benson, R. M. Volkert, L. N. Erickson, L. E. Sommers.

Specifications and Grades.—C. V. Sweet, G. C. Morbeck, E. M. Davis, A. C. Wollin.

Utilization of Tree Species.—Bryant D. Dain.

Wood Waste Survey.—A. O. Benson, Raymond Miller.

PATHOLOGY (in cooperation with Bureau of Plant Industry).—R. H. Colley; E. E. Hubert, assistant; C. J. Humphrey, C. Audrey Richards, Caroline T. Rumbold.

LABORATORY OPERATION.—Edgar F. White; Charles P. Juckem, administrative assistant.

Computing.—Alice M. Smith.

Engineering.—B. L. Nelson.

Photography.—M. E. Diemer.

Quarters.—L. R. Denicke.

Records.—Ellen A. Hoffman.

Supplies.—C. P. Juckem.

FINANCE AND ACCOUNTS.—W. E. Thompson, fiscal agent; S. H. Busch.

FOREST PRODUCTS.—H. S. Betts; W. D. Brush, R. K. Helphentine, jr., John B. Cuno.

ECONOMIC INVESTIGATION.— ———; L. S. Murphy, W. N. Sparhawk, R. V. Reynolds, A. H. Pierson, C. W. Boyce.

ENGINEERING

T. W. NORCROSS, chief engineer; G. H. Lautz, assistant chief engineer; M. S. Wright, assistant engineer.

MAPS AND SURVEYS.—G. H. Lautz; C. A. Kolb, geographer.

Atlas.—G. B. Bruce.

Drafting.—J. M. Witherow.

Engraving.—Helen B. Smith.

Photography.—E. S. Shipp.

Surveys.—M. S. Wright.

ROADS.—G. H. Lautz.

WATER POWER.—T. W. Norcross.

PUBLIC RELATIONS

HERBERT A. SMITH, assistant forester; Thomas H. Gill, assistant chief of branch; M. C. Merrill, director of forestry publications.

INFORMATION.—Miller Hamilton.

PUBLICATION.—C. M. Ballard.

PRINTING.—Edward Burkholder.

EXHIBITS AND MOTION PICTURES.—H. R. Kylie.

DISTRICT 1

NORTHERN DISTRICT

Montana, northeastern Washington, northern Idaho, and northwestern South Dakota. Office, Federal Building, Missoula, Mont.

FRED MORRELL, district forester.

PUBLIC RELATIONS.—Theodore Shoemaker, chief of office; K. D. Swan.

LAW.—Office of the solicitor (Forest Service branch). C. S. Brothers, assistant to the solicitor.

FINANCE AND ACCOUNTS.—O. M. Wold, chief of office and fiscal agent; S. E. Schoonover, general assistant.

OPERATION.—L. C. Stockdale, assistant district forester; D. L. Beatty, inspector; G. I. Porter, administrative assistant; W. P. Hillman.

FIRE PROTECTION.—Howard R. Flint, inspector.

TELEPHONE ENGINEERING.—R. B. Adams.

LAW ENFORCEMENT.—P. J. O'Brien.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Montana and Idaho; R. N. Cunningham.

MAINTENANCE.—O. C. Bradeen.

FOREST MANAGEMENT.—Elers Koch, assistant district forester; Wilfred W. White, assistant.

LOGGING ENGINEERING.—Philip Neff.

TIMBER SALES.—Field Supervision, C. E. Knouf, lumberman.

PLANTING.—D. S. Olson, Haugan, Mont. G. W. Jones, Savenac Nursery, Haugan, Mont.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—J. C. Evenden, consulting entomologist, Coeur d'Alene, Idaho.

GRAZING.—Glen A. Smith, assistant district forester; Thomas Lommasson, inspector of grazing.

STUDIES.—Thomas Lommasson and W. G. McGinnis.

LANDS.—M. H. Wolff, assistant district forester; C. A. McElroy, mineral examiner; J. B. Seely, office assistant.

LAND EXCHANGE.—Harry G. Ade, F. K. Stewart, and T. G. Mefford.

ENGINEERING.—F. E. Thieme, district engineer.

MAPS AND SURVEYS.—J. B. Yule.

Drafting.—Frank J. Cool.

Entry Surveys.—W. P. Stephenson.

ROADS.—F. E. Thieme, H. A. Calkins, and W. P. Stephenson.

WATER POWER.—F. E. Thieme and Harold Townsend.

PRODUCTS.—S. V. Fullaway, jr., chief of office; Melvin Bradner and C. N. Whitney.

NATIONAL FORESTS

IDAHO

Clearwater.—Paul A. Wohlen, Orofino (WU); Paul H. Gerrard and A. N. Cochrell, assistant supervisors; L. E. Eddy, ranger; Philip M. Lamoreux and H. R. Snider, clerks.

Ranger District: Musselshell.—W. E. Buckingham, Weippe (Exp. Orofino).

Oxford.—L. R. Vanairsdale, Pierce (Exp. Orofino); O. A. Knapp.

Canyon.—J. L. Miller, Pierce (Exp. Orofino).

Chamberlain Meadow.—Robert Johanson, Superior, Mont.

Fish Lake.—J. P. Gaffney, Rivulet, Mont.

Cook Mountain.—E. T. Nero, Pierce (Exp. Orofino).

Coeur d'Alene.—Charles K. McHarg, jr., Coeur d'Alene (WU); A. J. Roche, assistant supervisor; C. S. Webb, logging engineer; Howard Drake, lumberman; A. A. Brown, H. H. Gurley, W. G. Hoar, technical assistants; Fred E. Allen, clerk.

Ranger District: River.—Edward C. Pulaski, Wallace.

Lake.—S. C. Sanderson, Coeur d'Alene.

Little North Fork.—George S. Haynes, Coeur d'Alene.

Forks.—Frank B. Bishop, Coeur d'Alene.

North Fork.———, Prichard (Exp. Enaville).

Lower North Fork.—Chas. B. Hand, Enaville.

Timber Sale.—Thomas Crossley, Nels Johnson, D. W. Maryott, Philip Clack, and Charles Larson, lumbermen; Paul Hankins, Angus MacDonald, and C. B. Sutliff, scalers; V. C. Moody, ranger.

Nezperce.—Leon H. Hurtt, Grangeville (WU); Guy M. Brandborg and Clyde D. Blake, assistant supervisors; Ralph K. Day, technical assistant; George V. Ring, warehouse foreman; William M. Noble, clerk.

Ranger District: Salmon River.—William H. Deasy, Riggins (Exp. Grangeville).

Dixie.—George C. Space, Dixie (Exp. Stites).

Slate Creek.—W. P. Hanover, Whitebird (Exp. Grangeville); H. W. Higgins.

Clearwater.—Vernon L. Collins, Grangeville.

Elk City.—Vernon L. Collins, Grangeville.

Red River.—Earl McConnell, Elk City (Exp. Stites).

Pend Oreille.—Ernest T. Wolf, Sandpoint (WU); Otis B. Parker, assistant supervisor; G. M. De Jarnette, technical assistant; Walter W. Schwartz, clerk.

Ranger District: Clarksfork.—C. E. Middleton, Clarksfork.

Lake.—L. M. Beard, Bayview.

Naples.—W. M. Laybourn, Naples (Exp. Shiloh).

Moyie.—H. K. Ludington, Meadow Creek.

Porthill.—F. B. Cassler, Copeland.

Timber Sale.—J. H. Watson, lumberman; Walter Glen.

Selway.—Frank J. Jefferson, Kooskia (WU); Chas. A. MacGregor and J. C. Urquhart, assistant supervisors; C. F. Makibbin, technical assistant; John F. Rice, warehouse foreman; Miles L. Marsh, clerk.

Ranger District: Middle Fork.—Jack A. Parsell, Kooskia.

Selway.—Clayton S. Crocker, Kooskia.

Lochsa River.—Ralph L. Hand, Kooskia.

Moose Creek.—Fred W. Shaner, Kooskia.

Meadow Creek.—Albert C. Campbell, Kooskia.

Bear Creek.—Floyd M. Cossitt, Kooskia.

Timber Sale.—R. S. Ferguson, ranger.

St. Joe.—Roy A. Phillips, St. Maries (C); James F. Brooks, assistant supervisor; George C. Earle, lumberman; Karl J. George, clerk.

Ranger District: Palouse.—William H. Daus, Princeton.

North Forks.—J. L. Williams, Avery; J. C. Parker.

Wards Peak.———, Avery.

Roundtop.—Franklin Girard, Avery; C. H. Scribner.

Pole Mountain.—W. E. Kickbusch, Avery.

MONTANA

Absaroka.—G. E. Martin, Livingston (WU); H. H. Hendron, grazing assistant; Lena Caruso, clerk.

Ranger District: Deer Creek.—H. M. Crane, Reed Point (Exp. Big Timber).

Main Boulder.—Harry S. Kauffman, McLeod (Exp. Big Timber).

Livingston.—Louis C. Regan, Swingley (Exp. Livingston).

Yellowstone.—A. D. Moir, jr., Carbella.

Park.—C. H. Johnson, Gardiner.

Big Timber.—L. P. McKnight, Big Timber.

Shields.—Clive H. Galbraith, Wilsall.

Beartooth.—R. Trevor Ferguson, Billings (WU); L. F. Jefferson, assistant supervisor; Elona Meyer, clerk.

Ranger District: Rock Creek.—Wm. W. Larsen, Red Lodge; Arthur L. Olson.

Rosbud.—Raymond A. Coster, Luther (Exp. Red Lodge).

Stillwater.—Guy O'Neil, Limestone (Exp. Columbus).

Pryor.—C. O. Williamson, Bowler (Exp. Bridger).

Beaverhead.—John B. Somers, Dillon (WU); Frank Foltz, assistant supervisor; H. W. Elofson, range examiner; Harvey R. Marsh, clerk.

Ranger District: Melrose.—John W. Long, Melrose.

Wisdom.—A. W. Vogelsang, Wisdom (Exp. Divide).

Jackson.—Chas. G. Burdick, Jackson (Exp. Dillon).

Argenta.—H. B. Brown, Argento (Exp. Dillon).

Horse Prairie.—August A. Schroeder, Grant.

Sheep Creek.—Albert Yochelson, Dell.

Battlefield.—Marshall G. Ramsey, Wisdom (Exp. Divide).

Wise River.—Pete Piazzola, Wise River.

Bitterroot.—John W. Lowell, Hamilton (WU) ; A. C. Adams, assistant supervisor ; Hettie Millis, clerk.

Ranger District: Stevensville.—C. E. Powell, Victor.

Corvallis.—J. D. Vance, Grantsdale (Exp. Woodside).

Darby.—Nathaniel E. Wilkerson, Darby.

Ross Hole.—Clyde W. Shockley, Sula (Exp. Darby).

West Fork.—Thomas J. Denica, Darby.

Salmon Mountain.—R. C. Fitzgerald, Darby.

Paradise.—Harmon Regnes, Darby.

Blackfeet.—James E. Ryan, Kalispell (WU) ; Ray R. Fitting, assistant supervisor ; J. H. Bosworth, lumberman ; H. Gruner, clerk.

Ranger District: Upper North Fork.—Floyd I. Dewald, Polebridge (Exp. Columbia Falls).

Lower North Fork.—M. S. Spink, Columbia Falls.

Olney.—Kenneth Masters, Olney.

Fortine.—Irving R. Jensen, Trego (Exp. Fortine) ; F. Herrig.

Wolf Creek-Kila.—A. J. Cramer, Pleasant Valley (Exp. Kalispell).

Tally Lake.—J. D. Lamey, Lupfer (Exp. Whitefish).

Timber Sale.—D. A. Gregory and W. T. Winston, lumbermen.

Cabinet.—Kenneth Wolfe, Thompson Falls (WU) ; Carl H. Siria, assistant supervisor ; I. V. Anderson, forest examiner ; George W. Buxton, clerk.

Ranger District: Thompson River.—James L. Adams, Yakt.

Thompson Falls.—Fred E. Brown, Thompson Falls.

Trout Creek.—Neil L. Eplin, Trout Creek.

Noxon-Bull River.—Benjamin F. Saint, Noxon.

Plains.—Howard R. Larson, Plains.

Timber Sale.—Henry Ogston, lumberman.

Custer.—Alva A. Simpson, Miles City (WU, C) ; Wm. E. Lockhart, assistant supervisor ; E. W. Hartwell, technical assistant ; Mary E. McClain, clerk.

Ranger District: Ekalaka.—Jacob O. Thompson, Ekalaka (Exp. Miles City).

Long Pine.—Otto E. York, Camp Crook, S. Dak. (Exp. Miles City).

Short Pine.—L. W. Shevling, forest guard, Harding, S. Dak. (Exp. Miles City).

Slim Buttes.—Robert L. Harris, Gill, S. Dak. (Exp. Miles City).

Cave Hills.—Glen L. Dodge, Ludlow, S. Dak. (Exp. Miles City).

Whitetail.—James N. Templer, Stacey (Exp. Miles City).

Twenty Mile.—Warren Akers, Ashland (Exp. Miles City).

Otter.—Robert B. Rolfe, Ashland (Exp. Miles City).

Poker Jim.—Glenn Flathers, Birney (Exp. Miles City).

Deerlodge.—John B. Taylor, Butte (WU, P, C) ; F. L. Tobey, assistant supervisor ; Olive Leaf, clerk.

Ranger District: Deerlodge.—A. E. Cole, Deer Lodge, W. E. Blackman.

Anaconda.—E. W. Kurtz, Anaconda ; R. C. Henley.

Big Hole.—M. E. Skillman, Fishtap (Exp. Anaconda).

Fleeceer.—W. V. Jefferson, Divide.

Butte.—W. F. Simons, Butte.

Whitetail.—H. H. Mills, Whitehall.

Bottler.—J. E. Callahan, Basin.

Flathead.—Lloyd D. Hornby, Kalispell (WU) ; C. J. Hash and W. I. White, assistant supervisors ; J. N. Diehl, technical assistant ; F. F. Liebig, ranger ; Wm. L. Lay and Myrtle J. Lake, clerks.

Ranger District: Essex.—F. J. Neitzling, Essex.

Coram.—James E. Ready, Coram.

Echo.—John E. Thompson, Creston (Exp. Kalispell).

Spotted Bear.—M. B. Mendenhall, Coram.

Big River.—C. L. Pierce, Essex.

Upper Swan.—Thomas M. Wiles, Swan Lake (Exp. Kalispell).

Lower Swan.———, Swan Lake (Exp. Kalispell).

Big Prairie.—Ray I. Trueman, Coram.

Elk Park.—Ansley E. Hutchinson, Coram.

Black Bear.—A. C. Austin, Coram.

Timber Sale.—J. E. Adams, scaler.

Gallatin.—Burr W. Clark, Bozeman (WU, C) ; C. B. Swim, assistant supervisor ; Edward J. Hoell, clerk.

Ranger District: Upper Gallatin.—Eric P. White, Eldridge (Exp. Salesville).

Middle Creek.—Albert H. Nee, Bozeman.

Yellowstone.—Lester H. McLean, Emigrant.

Bridger.—Edward F. Foreman, Bozeman.

Flathead.—Fred E. Ainger, Wilsall.

Squaw Creek.—W. A. Chipperfield, Salesville.

Helena.—Arthur H. Abbott, Helena (WU, P) ; Sam R. Broadbent, assistant supervisor ; R. W. Beeson, H. E. Schwan, and E. D. Sandvig, technical assistants (grazing) ; Gladys I. Jackson, clerk.

Ranger District: Deep Creek.—Earl V. Welton, Townsend.

Duck Creek.—Bertram A. Goodman, Canton (Exp. Townsend).

Smith River.—Bertram A. Goodman, Canton (Exp. Townsend).

Nelson.—Carl F. Uhlhorn, Nelson (Exp. Helena).

McClellan.—C. F. Martineau, jr., Helena.

Crow Creek.—Ray M. Kingsley, Radersburg (Exp. Toston).

Helena.—David H. Lewis, Helena.

Blackfoot.—M. D. Mizner, Elliston.

- 18 **Jefferson.**—Wilford B. Willey, Great Falls (WU, P, C) ; Adolph Weholt, assistant supervisor ; Ella M. Treichler, clerk.
Ranger District: Tenderfoot.———, Campsite (Exp. Logging Creek).
Belt Creek.—R. E. Dickinson, Neihart.
Dry Wolf.—J. C. De Groat, Stanford.
Judith River.—Thomas G. Myers, Utica (Exp. Hobson).
Snowy Mountains.—David Lake, Judith Gap.
Mussellshell.—John P. Bouham, Martinsdale.
Sheep Creek.—Emery E. Wilson, White Sulphur Springs.
Castle Mountains.—Leon L. Lake, White Sulphur Springs.
Highwood Mountains.—Stacey Eckert, Highwood.
Little Rockies.—A. W. Armstrong, Zortman (Exp. Dodson).
- 19 **Kootenai.**—Arthur M. Baum, Libby (WU) ; Justin K. Dwinelle, assistant supervisor ; K. A. Klehm, lumberman ; T. B. W. Watkins and H. Ostergaard, technical assistants ; J. P. Baldwin, ranger ; William F. Murray, clerk.
Ranger District: Sylvanite.—A. E. Beckwith, Troy.
Upper Yaek.—C. D. Sousley, Troy.
Cabinet.—P. R. Rogers, Troy.
Libby.—L. D. Williamson, Libby.
Swamp Creek.—E. A. Woods, Libby.
Raven.—W. M. Gregg, Manicke (Exp. Libby).
Warland.—E. H. Schroeder, Warland.
Rexford.—C. R. Byers, Rexford.
Troy.—Howard McGill, Troy
Pipe Creek.—H. Mathews, Libby.
Timber Sale.—John S. Baird, Ed. Henrichs, and C. A. Fenn, lumbermen.
Timber Surveys.—R. T. Billings, Marvin C. Riley and Arthur B. Bowman, technical assistants ; R. J. Smith, Ranger.
- 20 **Lewis and Clark.**—Eldon H. Myrick, Choteau (WU, P) ; William M. Rush, assistant supervisor ; E. P. Dill, clerk.
Ranger District: Lubec.—L. J. Howard, Glacier Park.
Blackleaf.—G. A. Fredrickson, Blackleaf (Exp. Bynum).
Teton.—C. A. Butler, Choteau.
Sun River.—H. H. Halvorson, Augusta (Exp. Gilman).
Willow Creek.—W. E. Fry, Augusta (Exp. Gilman).
Dearborn.—W. E. Fry, Augusta (Exp. Gilman).
- 21 **Lolo.**—Chas. D. Simpson, Missoula (WU, P) ; Thomas A. Clapp, assistant supervisor ; Claude E. Sutton, forest examiner ; Mabel G. Peterson, clerk.
Ranger District: Lolo.—Edward Mackay, Lolo.
Powell.—Edward Mackay, Lolo.
Frenchtown.—A. T. Macnab, Frenchtown.
Quartz.—George H. Hankinson, Tarkio.
Superior.—R. A. Cherry, Superior.
St. Regis.—H. H. Hoyt, St. Regis.
Savenac.—Frank D. Haun, Haugan ; R. E. Crowell.
Elk Summit.—W. J. Bell, Lolo.
Timber Sale.—A. R. Standiford, lumberman.

42
Madison.—Walter J. Derrick, Sheridan (WU) ; C. P. Fickes, assistant supervisor ; Elva J. Leach, clerk.

Ranger District: Sheridan.—Harvey B. Rust, Sheridan.

Pony.—Claget Sanders, Pony.

Ennis.—E. H. Billsborough, Ennis (Exp. Norris).

Basin.—W. A. Donaldson, West Yellowstone.

Lyon.—C. A. Joy, Lyon (Exp. Norris).

Ruby.—Ben P. Martin, Alder.

Wall Creek.—Frank D. Riggle, Abe (Exp. Norris).

Timber Sale.—Edwin A. Hupe, lumberman ; A. A. Giles, scaler.

27
Missoula.—W. M. Nagel, Missoula (WU, P) ; John H. Clack, assistant supervisor ; Iphi L. Mills, clerk.

Ranger District: Philipsburg.—A. Price Townsend, Philipsburg.

West Fork.—H. R. Richards, Philipsburg.

Bonita.—Lewis G. Nichols, Bonita.

Seely Lake.—August J. Riggert, Seely Lake (Exp. Missoula).

Monture.—Charles Olson, Ovando (Exp. Missoula).

Gold Creek.—S. L. McNelly, Bonner (Exp. Missoula).

WASHINGTON

24
Kaniksu.—James C. Whitman, Newport (WU) ; F. T. Carroll, assistant supervisor ; Stanley S. Locke and Louis W. Fuess, technical assistants ; J. E. Breen, logging engineer ; E. M. Kapp, clerk.

Ranger District: Falls.—John J. Murray, Priest River, Idaho.

Priest Lake.—James K. Ward, Coolin, Idaho (Exp. Priest River, Idaho).

Upper Priest Lake.—Hugh S. Redding, Coolin, Idaho (Exp. Priest River, Idaho).

Sullivan Lake.—Arthur E. Pauley, Ione.

Experiment Station.—Edwin J. Jost, Priest River, Idaho.

Timber Sale.—R. E. Dow and W. G. McGillivray, lumbermen ; J. S. Feary, scaler.

DISTRICT 2

ROCKY MOUNTAIN DISTRICT

Colorado, Wyoming, South Dakota, Nebraska, Minnesota, and Michigan. Office, New Federal Building, Denver, Colo.

ALLEN S. PECK, district forester.

PUBLIC RELATIONS.—H. D. Cochran.

LAW.—Office of the Solicitor (Forest Service branch). W. J. Ise, assistant to the solicitor.

FINANCE AND ACCOUNTS.—Joel I. Buckner, chief of office and fiscal agent ; V. W. Campbell, general assistant.

OPERATION.—C. M. Granger, assistant district forester.

FIRE CONTROL.—John McLaren.

TRAINING.—Peter Keplinger.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Michigan, Minnesota, and Wisconsin: Crosby A. Hoar, district forest inspector, 312 Torrey Bldg., Duluth, Minn.

MAINTENANCE.—M. R. Kennedy.

FOREST MANAGEMENT.—M. W. Thompson, assistant district forester; Earl W. Tinker, assistant; J. A. Donery, lumberman.

PLANTING.—Fred R. Johnson.

GRAZING.—John H. Hatton, assistant district forester; Lynn H. Douglas, inspector of grazing.

LANDS.—C. J. Stahl, assistant district forester; Thos. M. Moorman, assistant.

ENGINEERING.— ———, district engineer; J. L. Brownlee, assistant.

Drafting.—L. S. Good.

NATIONAL FORESTS

COLORADO

Arapaho.—John V. Leighou, Hot Sulphur Springs (WU); W. L. Robb, technical assistant; Victor H. Frey, executive assistant.

Ranger District: Williams Fork.—Arthur E. Barnes, Scholl (Exp. Parshall).

Fraser.—John F. Johnston, West Portal.

Sulphur.—J. L. Glendening, Hot Sulphur Springs.

North Park.—A. E. Straub, jr., Rand (Exp. Walden).

Timber Sale.—Carl A. Magnuson, Fraser.

Cochetopa.—Fred B. Agee, Salida (WU); Eric A. Johnson, technical assistant; Edith H. Berrian, clerk.

Ranger District: Carnero.—Tibo Gallegos, Saguache (Exp. Moffat).

Saguache.—Frank L. Trickel, Saguache (Exp. Moffat).

Bonanza.—Leonard H. England, Villa Grove.

Poncha.—Joseph M. Cuenin, Salida.

Tomichi.—W. E. Shropshire, Sargents.

Cebolla.—John A. Stavely, Powderhorn (Exp. Parlin).

Colorado.—Wm. R. Kreutzer, Fort Collins (WU); Chester A. Lee, technical assistant (grazing); G. C. Hougham, executive assistant.

Ranger District: Boulder.—Lon H. Ulrich, Boulder.

Estes Park.—Josephus Ryan, Estes Park (Exp. Lyons).

Buckhorn.—Francis J. Smith, Masonville (Exp. Loveland).

Poudre.—Henry A. Payson, Log Cabin (Exp. Fort Collins).

Livermore.—L. H. Carr, Log Cabin (Exp. Fort Collins).

North Park.—John W. Delaney, Fox Park, Wyo.

Grand Mesa.—Ray Peck, Grand Junction (WU); Wm. B. Fay, surveyor; Cora L. Jorgensen, clerk.

Ranger District: Grand River.—M. S. Hulse, Rifle.

Muddy.—W. F. Gilliam, Paonia.

Lakes.—J. B. Robinson, Cedaredge (Exp. Delta).

Mesa.—Walter A. Wagner, Mesa (Exp. De Beque).

Collbran.—G. L. Sanders, Collbran (Exp. De Beque).

Gunnison.—Theodore Krueger, Gunnison (WU) ; Ray R. Clarke, assistant supervisor ; Maude G. Bray, clerk.

Ranger District: Pitkin.—Jesse L. Trickel, Pitkin.

Taylor Park.—Urban J. Post, Almont.

Crested Butte.—Henry L. Spencer, Crested Butte.

Anthracite.—James R. Harvey, Baldwin (Exp. Gunnison).

North Fork.—Thomas H. Thurman, Paonia.

Sapinero.—G. M. Sprague, Sapinero.

Black Mesa.—B. C. Heilman, Crawford (Exp. Hotchkiss).

Holy Cross.—Harold L. Borden, Glenwood Springs (WU) ; G. M. Hunter, assistant supervisor ; Ralph W. Gray, executive assistant.

Ranger District: Sheephorn.—S. F. Chappel, Radium.

Red Cliff.—W. M. Scanlan, Red Cliff.

Avon.—A. O. Harris, Minturn.

Eagle.—Wm. S. Brown, Eagle.

Frying Pan.—V. C. Holcomb, Basalt (Exp. Emma).

Capitol Creek.—Fay Franklin, Woody Creek (Exp. Aspen).

Aspen.—L. C. Shoemaker, Aspen.

Crystal River.—R. M. Bradshaw, Carbondale.

Timber Sale.—Joseph A. Gibbs, Red Cliff.

Leadville.—Andrew Hutton, Leadville (WU, P) ; L. C. Anderson, technical assistant ; Ruth Smith, clerk.

Ranger District: Buena Vista.—James L. Frame, Buena Vista.

Leadville.—Harry J. Smith, Leadville.

Dillon.—Edward F. Heaton, Dillon.

Blue River.—Ernest A. Foster, jr., Dillon.

South Park.—Raymond O. Taylor, Fairplay.

Montezuma.—A. F. C. Hoffman, Mancos (WU) ; F. V. Ostrowski, technical assistant.

Ranger District: Manzcos.—Edward Wright, Mancos.

Dolores.—H. E. Kauffman, Dolores.

Glade.—E. L. Besondy, Dolores.

Norwood.—W. I. Wilson, Norwood (Exp. Placerville).

Telluride.—John A. Ogden, Ophir.

Rico.—James G. Cayton, Rico.

Pike.—Ress Philips, Colorado Springs (WU, P) ; Everard S. Keithley and Cyril B. Webster, technical assistant ; Ingal S. Horgen, recreation assistant ; L. T. Mahurin, executive assistant. Monument Nursery, W. H. Schrader, Monument.

Ranger District: Clear Creek.—W. B. Kelso, Idaho Springs.

Jefferson.—J. B. Fitzsimmons, Cassells (Exp. Weller).

South Platte.—F. C. Parrett, Buffalo Creek (Exp. Pine Grove).

Lake George.—David E. Basham, Lake George (Exp. Divide).

Devils Head.—Stanley A. Mahan, Woodland Park.

Pikes Peak (N).———, Cascade (Exp. Colorado Springs).

Pikes Peak (S).—J. H. Patterson, Colorado Springs.

Rio Grande.—R. E. Clarke, Monte Vista (WU) ; Walter F. Bowers, assistant supervisor ; P. B. Lister, technical assistant (grazing) ; Carl H. Gepfarth, clerk.

Ranger District: Pyramid.—Elbert E. Vanaken, Creede.

Creede.—Roy M. Truman, Creede.

Alder.—C. M. Thomas, South Fork.

South Fork.—J. A. Hagerman, South Fork.

Del Norte.—William M. Darley, Monte Vista.

Conejos.—Wm. H. Lee, Antonito.

Routt.—Wallace J. Pearce, Steamboat Springs (WU) ; Agnes D. McNair, clerk.

Ranger District: Park Range.—Chas. A. Kutzleb, Walden.

Gore.—Charles W. Euler, Yampa.

Steamboat.—Dewey S. Wright, Steamboat Springs.

Hahns Peak.—Dean H. Leonard, Clark (Exp. Steamboat Springs).

Snake River.—William F. Cochran, Columbine (Exp. Steamboat Springs).

Bears Ears.—Percy Ray, Craig.

San Isabel.—Albin G. Hamel, Pueblo (WU) ; S. E. Doering, assistant supervisor ; Fay A. Kendig, clerk.

Ranger District: Hardscrabble.—J. J. Lowell, Wetmore (Exp. Florence).

Greenhorn.—Earl Nolen, Rye (Exp. Pueblo).

Westcliffe.—Chas. E. Seymour, Westcliffe.

San Luis.—Karl Gilbert, Crestone.

Blanca.—Alton Sanderson, Gardner (Exp. Walsenburg).

Las Animas.—Paul Gilbert, La Veta.

San Juan.—H. Earl French, Durango (WU) ; Charles B. Mack, assistant supervisor ; J. Christine Hansen, clerk.

Ranger District: La Plata.—Glenn Dalton, Hesperus.

Engincer.—Paul D. Irwin, Durango.

Animas.—Thomas E. Price, Durango.

Pinc.—Harry D. Hauser, Bayfield (Exp. Ignacio).

Chimney.—Frank E. Loring, Bayfield.

Piedra.—James B. Beals, Debs (Exp. Pagosa Springs).

Treasure.—James C. Maloy, Pagosa Springs.

Blanco.—Harry L. Norris, Pagosa Springs.

Uncompahgre.—Harry H. French, Delta (WU) ; Gunnar K. Fenger, technical assistant ; Karl G. Brown, executive assistant.

Ranger District: North End.—Elmer F. Reed, Grand Junction.

Delta.—John H. Keep, Delta.

Miguel.—R. C. Miller, Nucla (Exp. Placerville).

Ouray.—William Doran, Ouray.

Alpine.—William E. Buchanan, Lake City.

White River.—James A. Blair, Glenwood Springs (WU); Howard Hopkins, technical assistant; Ralph W. Gray, executive assistant.

Ranger District: Sleepy Cat.—Lewis A. Hahn, Marvine (Exp. Rifle).

Williams Fork.—Bert L. Miller, Willow Creek (Exp. Craig).

Burns Hole.—Felix E. Read, Yampa.

New Castle.—George A. Powell, New Castle.

Miller Creek.—James R. Ahl, Buford (Exp. Rifle).

Shoshone.—Rich R. Thomson, Glenwood Springs.

MICHIGAN

Michigan.—R. G. Schreck, East Tawas (WU); Chas. A. Chartrand, clerk. Beal Nursery, Ralph H. Johnson and Harry C. Turner, planting assistants, East Tawas.

Ranger District: Tawas.—Byron L. Groesbeck, East Tawas.

Mio.—Victor J. Dayharsh, Mio (Exp. Rose City).

Marquette.—Glenn G. Barnes, Raco.

MINNESOTA

Minnesota.—G. E. Marshall, Cass Lake (WU); Harry D. Petheram, technical assistant; R. W. Henry, clerk. Cass Lake Nursery.

Ranger District: Cass Lake.—M. J. Cummings, Cass Lake.

Bena.—Matt Soderback, Bena.

Outfoot Sioux.—George Farley, Deer River (Exp. Bena).

Superior.—Alve L. Richey, Ely (P); Wm. L. Barker, jr., technical assistant; F. A. Kelly, fire assistant; Joseph Pluth, clerk.

Ranger District: Sioux River.—Frank R. Crow, Buyck (Exp. Orr).

Sawbill.—J. A. Milligan, Grand Marais.

Island Lake.—A. E. Outzen, Grand Marais.

Big Lake.—M. J. Valentine.

Stony.—Thos. A. Denley, Ely.

Kawishiwi.—Frank Carney, Ely.

Brule Lake.—F. P. Legat, Grand Marais.

NEBRASKA

Nebraska.—Jay Higgins, Halsey (WU); W. B. Ihlanfeldt, clerk. Bessey Nursery, Karl L. Janouch, planting assistant, Halsey; John A. Lubbe, ranger.

Ranger District: Niobrara.—John G. Lord, Doughboy (Exp. Cody).

SOUTH DAKOTA

Black Hills.—George A. Duthie, Deadwood (WU); S. D. Anderson and F. J. Poch, technical assistants; Wm. J. Cotton, clerk.

Ranger District: Spearfish.—Silas B. Helms, Savoy.

Cook Mountain.—Frank T. Smith, Sturgis.

Limestone.—Theo. R. Cochran, Lead.

Rochford.—C. L. Webber, Rochford.

Nemo.—Manford R. Hickel, Nemo.

Pactola.—Marion J. Webber, Pactola (Exp. Nemo).

Bearlodge.—W. A. Robison, Aladdin, Wyo.

Harney.—James F. Conner, Custer (WU) ; Paul L. Ginter, technical assistant ; W. C. Robert, executive assistant.

Ranger District: Keystone.—Clair V. Cooke, Keystone (Exp. Hill City).

Hill City.—Charles H. Fox, Hill City.

Bear Mountain.—E. W. Hedlun, Custer.

Custer.—R. L. Williams, Custer.

Pringle.—N. E. Hibbard, Pringle.

Elk Mountain.—David F. McGill, Lauzon (Exp. Dewey).

Timber Sale.—Guy Kyes, Custer ; H. A. Gould.

WYOMING

Bighorn.—John W. Spencer, Sheridan (WU) ; P. V. Woodhead, assistant supervisor ; F. L. Archer, executive assistant.

Ranger District: Porcupine.—Earl W. Snelling, Lovell.

Tongue.—Y. Z. David, Dayton (Exp. Ranchester).

Shell.—Frank E. Blakenship, Shell (Exp. Greybull).

Paintrock.—Bly Dickson, Hyattville (Exp. Manderson).

Goose.—J. S. Veeder, Big Horn (Exp. Sheridan).

Buffalo.—C. B. Morgareidge, Buffalo.

Tensleep.—Edwin L. Miller, Tensleep (Exp. Manderson).

Hayden.—James Blackhall, Encampment (WU, P) ; Ernest J. Bordahl, clerk.

Ranger District: Encampment.—George P. Lang, Encampment.

North End.—Richard R. Riggs, Saratoga (Exp. Walcott).

Snake River.—Rube Riley, Slater (Exp. Wamsutter).

Medicine Bow.—Huber C. Hilton, Laramie (WU, P) ; Raymond U. Harmon, technical assistant ; Louis E. Coughlin, executive assistant.

Ranger District: Foxpark.—Hugh B. Curry, Foxpark.

Keystone.—Maurice V. Dunmire, Holmes (Exp. Albany).

Brush Creek.—Carl A. Bode, Saratoga.

Bow.—B. F. Willshon, Elk Mountain (Exp. Hanna).

Sevenmile.—Evan J. Williams, Centennial.

Timber Sale.—J. C. McCallister, lumberman, Fox Park ; Robert W. Chamberlin, Henry D. Clark, Geo. W. Howard, James Saban.

Shoshone.—J. N. Langworthy, Cody (WU) ; Allan F. Miller, technical assistant ; Margaret Hayden, clerk.

Ranger District: Greybull.—Fred R. Thomas, Pitchfork (Exp. Cody).

North Fork.—C. C. Spencer, Wapiti (Exp. Cody).

South Fork.—W. J. Petermann, Ishawooa (Exp. Cody).

Sunlight.—Chas. H. James, Painter (Exp. Cody).

Clarks Fork.—F. E. McGrew, Painter (Exp. Cody).

Washakie.—Arthur M. Cook, Lander (WU) ; Lewis R. Rist, assistant supervisor ; Elsie C. Mann, clerk.

Ranger District: Absaroka.—G. W. Goodson, Dubois.

Sheridan.—Jacob Bear, Dubois (Exp. Lander).

Lander.—E. L. Bennett, Lander ; A. G. Clayton, South Pass.

Timber Sale.—E. H. Peck, lumberman, Dunoir (Exp. Riverton) ; Samuel W. Orr, Edward S. Willis, and Clyde F. Peick.

DISTRICT 3

SOUTHWESTERN DISTRICT

Arizona and New Mexico. Office, Gas and Electric Building, Albuquerque, N. Mex.

FRANK C. W. POOLER, district forester.

LAW.—Office of the Solicitor (Forest Service branch).—E. S. French, assistant to the solicitor.

FINANCE AND ACCOUNTS.—Albert Morris, chief of office and fiscal agent; H. B. Herms, general assistant.

OPERATION.—Joseph C. Kircher, assistant district forester; James F. Mullen (minor roads and trails), and Earl W. Loveridge, assistants.

MAINTENANCE.—E. P. Ancona.

FOREST MANAGEMENT.—R. E. Marsh, assistant district forester; Quincy Randles, assistant.

LOGGING ENGINEERING.—D. M. Lang.

FOREST PATHOLOGY (Bureau of Plant Industry).—W. H. Long, consulting pathologist, Albuquerque, N. Mex.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—W. D. Edmonston, consulting entomologist, Albuquerque, N. Mex.

GRAZING.—John Kerr, assistant district forester; J. A. Scott, inspector of grazing; R. W. Hussey.

STUDIES.—E. W. Nelson.

RECONNAISSANCE.—R. D. Morris.

LANDS.—M. M. Cheney, assistant district forester.

ENGINEERING.—C. A. Long, district engineer; R. L. Hughes, assistant engineer.

Drafting.—F. E. Landon.

Surveys.—Thomas F. Myers.

ROADS.—C. A. Long, R. L. Hughes.

WATER POWER.—C. A. Long.

PUBLIC RELATIONS.—John D. Jones, assistant district forester; Geo. H. Cook.

NATIONAL FORESTS

ARIZONA

Apache.—J. H. Sizer, Springerville (P—Exp. Holbrook); Frank Hiler, assistant supervisor; R. F. Copple, technical assistant (grazing); Orma V. Phelps, clerk.

Ranger District: Alpine.—Roy Swapp, Alpine (Exp. Holbrook).

Baseline-Clifton.—J. W. Girdner, Clifton; W. M. Sherman.

Blue.—David S. Marks, Blue (Exp. Holbrook); E. K. Elliott.

Eagle.—W. E. Wiltbank, Clifton (Exp. Holbrook).

Greer.—Jesse T. Fears, Greer (Exp. Holbrook); Hugh Balke.

Nutrioso.—D. H. Suite, Nutrioso (Exp. Holbrook).

Coconino.—E. G. Miller, Flagstaff (WU, P); J. A. Adams, assistant supervisor; A. B. Young, superintendent road construction; H. Norton Cope, technical assistant; P. H. Harley, executive assistant.

Ranger District: Beaver Creek.—Walter Hackleman, Camp Verde.

Bly.—R. I. Stewart, Winslow; James O. Evans.

Flagstaff.—E. H. Oldham, Flagstaff; E. L. Hamilton, technical assistant.

Long Valley.—W. J. Brown, Camp Verde (Exp. Clarkdale); C. N. Lochman.

Mormon Lake.—Roy H. Rice, Flagstaff.

Munds Park.—J. I. Bushnell, Cornville (Exp. Clarkdale); Frank W. Buster.

Rogers Lake.—Oscar L. McLure, Flagstaff.

Walnut Canyon National Monument.—Neal Erickson, Flagstaff.

Arizona Lumber & Timber Co. Sale.—Kimberlin Carlisle, lumberman, Flagstaff; W. F. Bond, technical assistant.

Flagstaff Lumber Co. Sale.—R. F. Rhinehart, lumberman, Flagstaff; Leonard W. Lewis.

McGonigle Lumber & Development Co. Sale.—A. C. McIntyre, technical assistant, Flagstaff; Oscar B. Beckstrom, technical assistant.

Coronado.—H. G. Calkins, Tucson (WU); C. W. McKenzie and John C. Roak, assistant supervisors; Walter P. Costello, clerk.

Ranger District: Santa Catalina.—J. A. Frieborn, Oracle (Exp. Tucson); T. W. Bentley.

Huachuca.—Robt. Thompson, Canille (Exp. Huachuca); H. A. Kendall.

Paradise.—C. B. Scholefield, Rodeo, N. Mex.

Peloncillo.—G. E. Galer, Cloverdale, N. Mex.

Rincon.—Olof J. Olson, Vail.

Santa Rita.—L. B. Smith, Vail.

Sunset.—F. D. Harris, Douglas.

Tumacacori.—A. S. Wingo, Nogales.

Dragoon-Whetstone.—Edwin G. Mettler, Cohise.

Crook.—Rex King, Safford (WU); W. L. Stiles, executive assistant.

Ranger District: Aravaipa.—H. E. Chipman, Klondyke (Exp. Safford).

Pinal.—C. V. Christensen, Globe.

Queen Creek.—H. L. Taylor, deputy supervisor, Globe.

Mount Graham.—R. D. Rowley, Safford; S. A. Sowell, jr.

Gila Lumber & Milling Co. Sale.—Alfred P. John.

Prescott.—H. Basil Wales, Prescott (WU); Robert Munro, assistant supervisor; Florence J. Hill, clerk.

Ranger District: Bloody Basin.—R. S. Taliaferro, Mayer.

Cherry.—Paul R. Gray, Cherry (Exp. Cherry Creek).

Crown King.—Earl C. Albright, Crown King.

Jerome.—George Mutz, Prescott.

Prescott.—J. C. McNelty, Prescott; Geo. D. Lilly.

Skull Valley.—Ralph H. Anderson, Skull Valley.

Walnut Creek.—W. M. Mickelson, Prescott.

Sitgreaves.—P. H. Roberts, Holbrook (WU, P) ; L. R. Lessell, national forest examiner ; C. L. Lincoln, executive assistant.

Ranger District: Chevalon.—W. E. Baldwin, Winslow.

Heber.—Landis J. Arnold, Heber (Exp. Holbrook) ; John R. Nelson.

Lakeside.—C. Shumway, Lakeside (Exp. Holbrook).

Pinedale Park.—D. E. Slosser, Pinedale (Exp. Holbrook).

Showlow.—L. S. Kartchner, Showlow (Exp. Holbrook).

Standard Lumber Mills.—C. A. Merker, technical assistant.

Tonto.—T. T. Swift, Phoenix (WU) ; F. L. Kirby, deputy supervisor ; L. E. Anderson, executive assistant.

Ranger District: Cave Creek.—Joseph Hand, Cactus (Exp. Phoenix).

Mazatzal.—Fred W. Croxen, Roosevelt (Exp. Globe) ; Russell Hawk.

Payson.—R. C. James, Payson (Exp. Globe).

Pine.—A. N. Kay, Pine (Exp. Globe).

Pleasant Valley.—Monta R. Stewart, Young (Exp. Globe).

Salt River.—A. L. Alexander, Roosevelt (Exp. Globe).

Sierra Ancha.—Guy B. Rencher, Globe.

Tusayan.—G. W. Kimball, Williams (WU, P) ; Fred Merkle, assistant supervisor ; M. R. Scott, clerk.

Ranger District: Anita Moqui.—Arthur Gibson, Williams.

Ash Fork.—F. J. Cox, Ash Fork.

Chalender.—Clyde P. Moore, Parks (Exp. Williams).

Spring Valley.—H. C. Hulbert, Parks (Exp. Williams).

Verde.—Floyd E. Betts, Punttenney (Exp. Cedar Glade).

Williams.—T. W. Rice, Williams.

Saginaw & Manistee Lumber Co. Sale.—H. E. German, scaler, Bellemont ; E. R. Smith, technical assistant ; W. E. Auman, ranger.

NEW MEXICO

Carson.—Stanley F. Wilson, Taos (WU) ; C. R. Dwire, assistant supervisor ; L. F. Cottam, superintendent road construction ; Luis P. Martinez, clerk.

Ranger District: Canjilon.—L. L. Feight, Canjilon (Exp. Chama).

Jicarilla.—James A. Newton, Vaqueros (Exp. Dulce).

Questa.—J. L. Hughes, Questa (Exp. Jarosa, Colo.).

San Antone.—R. L. Ground, Ortiz, Colo. (Exp. Antonito, Colo.).

Servilleta.—H. W. Naylor, Tres Piedras ; Albert T. Pfingsten.

Vallecitos.—G. L. Wang, Vallecitos (Exp. La Madera).

Taos.—Lloyd A. Brisbin, Taos (Exp. Taos Junction).

Rio Pueblo.—E. W. Cottam, Tres Ritos (Exp. Las Vegas or Embudo).

Halleck and Howard Lumber Co. Sale.—W. J. Perry and Charles Hudman, La Madera.

Santa Barbara Exchange.—Hugo L. Sundling, technical assistant, Tres. Ritos.

Datil.—F. L. W. Grubb, Magdalena (WU); W. J. Anderson, assistant supervisor; W. M. Stevenson, technical assistant (grazing); H. D. Burrall, superintendent road construction; Anna E. Fraser, clerk.

Ranger District: Baldwin.—S. Q. Garst, Datil (Exp. Magdalena).

Black Range.—H. Garvin Smith, Fairview (Exp. Engel).

Elk Mountain.—E. L. McPhaul, Beaverhead (Exp. Magdalena).

Frisco.—A. F. Bloom, Reserve (Exp. Magdalena).

Jewett.—F. L. McCament, Aragon (Exp. Magdalena).

Luna.—B. S. Rogers, Luna (Exp. Magdalena).

Magdalena.—J. A. Simmons, Magdalena.

Mangas.—J. N. Kimmel, Mangas.

Red Rock.—G. L. Beckwith, Monticello (Exp. Engle).

Rosedale.—Louis Ketcham, Magdalena.

Tulerosa.—Fred N. Ares, Aragon (Exp. Magdalena).

Beaverhead.—Harold Peckenpough, Beaverhead.

Ranger at Large.—H. S. Palmer.

Gila.—Frederic Winn, Silver City (WU); L. J. Putsch, assistant supervisor; H. B. Bosworth, technical assistant; Warren M. Cox, executive assistant.

Ranger District: Big Burros.—B. F. Nabours, Tyrone

Black Range.—J. R. Painter, Kingston (Exp. Lake Valley).

Frisco-Mogollon.—G. H. Currie, Buckhorn (Exp. Silver City); O. C. Painter.

McKenney Park.—Henry Woodrow, Cliff (Exp. Silver City).

Mimbres.—R. W. Wood, Mimbres (Exp. Santa Rita).

Pinos Altos.—C. E. Hulbert, Pinos Altos (Exp. Silver City).

Lincoln.—O. F. Arthur, Alamogordo (WU); Simeon Strickland and R. C. Salton, assistant supervisors; R. J. Albers, clerk.

Ranger District: Capitan.—W. C. White, Lincoln (Exp. Capitan).

Cloudcroft.—W. H. Woods, jr., High Rolls.

Gallinas.—G. W. Messer, Corona.

Guadalupe.—Lea Beall, Queen (Exp. Carlsbad).

Mayhill.—Geo. D. Russell, Mayhill (Exp. Cloudcroft).

Ruidoso.—John H. Mims, Glencoe (Exp. Capitan).

Weed.—Ray E. King, Weed (Exp. Cloudcroft).

White Mountain-Patos.—Robert B. Ewing, Capitan; R. V. Galt.

Southwestern Lumber Co. Sale.—Jacob A. Work, Marcia (Exp. Russia).

Ranger at Large.—Robert F. Hinchey.

Manzano.—K. C. Kartchner, Albuquerque (WU, P); Jacob C. Nave, assistant supervisor; C. H. Kissam, superintendent road construction; Susan R. C. Beyer, clerk.

Ranger District: Sandia.—R. I. Boone, Albuquerque.

Mountainair.—L. H. Laney, Mountainair; L. W. Rogers.

Mount Taylor.—G. M. Flake, Grants; Carl Welch.

Zuni.—F. E. Brennan, McGaffey (Exp. Perea).

14
Santa Fe.—Frank E. Andrews, Santa Fe (WU, P); M. F. Pinceti, assistant supervisor; H. O. Cassidy, technical assistant (grazing); M. J. Pettis, executive assistant.

Ranger District: Tesuque.—W. J. Pinson, Santa Fe.

Chama.—J. A. Rodriguez, Gallina (Exp. Espanola); W. G. Kooger.

Santa Clara.—Perl Charles, Espanola (Exp. Domingo).

Cuba.—E. L. Perry, Cuba (Exp. Albuquerque).

Pecos.—J. W. Johnson, Pecos (Exp. Glorieta); C. E. Moore, Frank M. Burton, and C. W. Simmons.

Las Vegas.—M. M. Bruhl, Las Vegas; Frank M. Burton.

Cochita.—Ralph N. Earl, Bland (Exp. Domingo).

Bandelier National Monument.—L. D. Lemley, Buckman.

DISTRICT 4

INTERMOUNTAIN DISTRICT

Utah, southern Idaho, western Wyoming, Nevada, and northwestern Arizona. Office, Forest Service Building, Ogden, Utah.

R. H. RUTLEDGE, district forester.

PUBLIC RELATIONS.—F. S. Baker.

LAW.—Office of the Solicitor (Forest Service branch). Manly Thompson, assistant to the solicitor.

FINANCE AND ACCOUNTS.—Lee Stratton, chief of office and fiscal agent; A. C. Wycoff, general assistant.

OPERATION.—C. N. Woods, assistant district forester; C. F. Evans, inspector; Thomas V. Pearson, administrative assistant.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Idaho; C. N. Woods. I. H. Nash, State land commissioner, Boise, Idaho, collaborator.

MAINTENANCE.—W. B. Crites.

FOREST MANAGEMENT.—C. B. Morse, assistant district forester; ———, assistant.

LOGGING ENGINEERING.—U. S. Swartz.

GRAZING.—Ernest Winkler, assistant district forester; J. O. Stewart, grazing studies; R. D. Garner, inspector of grazing.

LANDS.—R. E. Gery, assistant district forester; S. B. Locke, technical assistant.

ENGINEERING.—J. P. Martin, district engineer; W. W. Blakeslee, assistant.

MAPS AND SURVEYS.—H. M. Shank.

Drafting.—Geo. L. Nichols.

Entry Surveys.—C. J. Truscott.

ROADS.—J. P. Martin; Frank L. Allen, assistant.

WATER POWER.—J. P. Martin.

EXPERIMENT STATION

Great Basin, Manti National Forest.—C. L. Forsling, director; ———, range examiner; ———, assistant. Alan Richards, clerk.

NATIONAL FORESTS

ARIZONA

Kaibab.— ———, Kanab, Utah (WU—Exp. Marysvale, Utah); H. G. McPheters, assistant supervisor; Hugh E. Putnam, clerk.

Ranger District: Jacob Lake.—Clyde C. Proctor, Kanab, Utah (Exp. Marysvale, Utah).

Big Springs.—Benjamin Swapp, Kanab, Utah (Exp. Marysvale, Utah).

IDAHO

Boise.—E. C. Shepard, Boise (WU); J. W. Stokes and Felix C. Kozial, technical assistants; David Laing, ranger. Robert Strong, clerk.

Ranger District: Smith Prairie-Danskin.—Edward E. Poulton, Lenox (Exp. Mountain Home).

Cottonwood.—John D. Selby, Barber (Exp. Boise).

Idaho City.—Walter T. Barry, Idaho City (Exp. Boise); Allen Gower, ranger.

Atlanta.—Roscoe R. Davis, Atlanta (Exp. Mountain Home).

Lowman.—Warren C. Taylor, Lowman (Exp. Banks).

Trinity.—Irvin M. Varner, Pine (Exp. Mountain Home).

Caribou.—Earl C. Sanford, Montpelier (WU); Osmyn M. Williams, clerk.

Ranger District: Snake River.—Comas Nelson, Antelope (Exp. Ririe).

Grays Lake.—J. E. Irby, Wayan (Exp. Soda Springs).

Freedom.—Charles A. Spackman, Freedom, Wyo. (Exp. Montpelier).

Auburn.—Jesse E. Draney, Auburn, Wyo. (Exp. Montpelier).

Soda Springs.—Arthur Peterson, Soda Springs.

Montpelier.—James B. Bruce, Montpelier.

Challis.—E. A. Renner, Challis (WU); A. L. Moats, clerk

Ranger District: Challis.—Lewis B. Koch, Challis (Exp. Mackay).

Clayton.—John S. Malm, Clayton (Exp. Mackay).

Loon Creek.—Chas. Daugherty, Stanley (Exp. Mackay).

Stanley.— ———, Stanley (Exp. Mackay).

Rapid River.—Merle G. Markle, Stanley (Exp. Mackay).

Idaho.—L. F. Watts, McCall (WU, P); A. A. Casner, J. L. Rutledge, and H. L. Smith, assistant supervisors; James Farrell, technical assistant; F. L. Williams, clerk.

Ranger District: Roseberry.—Lee Kessler, Roseberry (Exp. Donnelly).

Meadows.—F. E. Gray, McCall.

Burgdorf.—N. A. Nann, Burgdorf (Exp. McCall).

Warren.—C. T. Gray, Warren (Exp. McCall).

South Fork.—Jack Geisler, Warren (Exp. McCall).

Chamberlain.—Dan Le Van, Warren (Exp. McCall).

Middle Fork.—Merle Wallace, Warren (Exp. McCall).

Big Creek.—J. W. Hill, Clover (Exp. McCall).

Lake Fork.—M. E. Mahoney, McCall.

Thunder Mountain.—John Routson, Warren (Exp. McCall).

Lemhi.—Oscar W. Mink, Mackay (WU) ; I. R. Richardson, clerk.
Ranger District: Medicine Lodge.—Geo. A. Miller, Winsper (Exp. Dubois).

Little Lost River.—J. L. Phillips, Mackay.

Pahsimeroi.—Oscar F. Cusick, May (Exp. Mackay).

Antelope.—Jesse H. Olsen, Grouse (Exp. Mackay).

Wildhorse.—Robert B. Johnson, Mackay.

Minidoka.—S. S. Stewart, Burley (WU) ; Evelyn Ferrin, clerk.

Ranger District: Cassia West.—C. E. Jensen, Rogerson.

Cassia East.—E. E. Stock, Oakley.

Albion Mountain.—M. F. Youngblood, Elba (Exp. Oakley).

Raft River-Black Pine.—C. F. R. Boosinger, Strevell (Exp. Kelton, Utah).

Sublett-Black Pine.—Bert Mahoney, Sublett (Exp. Burley).

Payette.—Guy B. Mains, Emmett (WU) ; F. S. Moore and Francis Wallis, assistant supervisors ; Clark Miles, technical assistant ; Horace J. Burr, ranger ; Geo. L. Rigdon, clerk.

Ranger District: West Mountain.—Andrew L. Bunch, Ola (Exp. Smiths Ferry).

Garden Valley.—Arthur Potter, Garden Valley (Exp. Banks).

Deadwood-Bear Valley.—Graham E. McConnel, Garden Valley (Exp. Banks).

Long Valley.—John D. Parker, Cascade.

Penn Basin.—DeWitt Russell, Cascade.

Middle Fork Salmon.—Vernon R. Hallcraft.

Peace Valley.— ———, Garden Valley (Exp. Banks).

Johnson Creek.—Lorin N. Wellman, Cascade.

Salmon.—S. C. Scribner, Salmon (WU) ; F. H. Eyre, technical assistant ; R. E. Allen, ranger ; Dorothy Howe, clerk.

Ranger District: Indianola.—Carlton F. Clark, Northfork (Exp. Salmon).

Hughes Creek.—Allen H. Wheeler, Northfork (Exp. Salmon).

Salmon.—D. E. Romano, Salmon.

Forney.—Otis W. Slavin, Leesburg (Exp. Salmon).

Lemhi.—Clarence D. Huestis, Lemhi.

Leadore.—Thos. A. Jerrell, Leadore.

Middle Fork.—Roscoe E. Green, Meyers Cove.

Sawtooth.—M. S. Benedict, Hailey (WU) ; Richard F. Bowman, clerk.

Ranger District: Greenhorn.—N. C. Jensen, Hailey.

Flowers.—Arthur H. Berry, Ketchum.

Pole Creek.—W. H. Horton, Ketchum.

Soldier.—J. E. Minear, Fairfield.

Shake Creek.—A. T. Osborn, Featherville (Exp. Mountain Home).

Targhee.—S. W. Stoddard, St. Anthony (WU); David A. Arrivee and John N. Kinney, assistant supervisors; Theresa B. Harris, clerk.

Ranger District: Spencer.—Ray Pickett, Spencer.

Big Springs.—Ira Latham, Ashton.

Hallie Park.—Lemuel Steele, jr., deputy supervisor, Ashton.

Porcupine.—Leo J. Hutson, Ashton.

Rapid Creek.—Francis Moss, Driggs.

Victor.—Claud C. Shannon, Victor.

Hawley Gulch.—Thornton G. Taylor, Heise (Exp. Rigby).

Swan Valley.—T. D. Cowan, Swan Valley.

Weiser.—W. B. Rice, Weiser (WU); C. E. Brackett, assistant supervisor; Harley J. Helm, technical assistant (grazing); Irene A. Knight, clerk.

Ranger District: Indian Valley.—Robert E. Clabby, Indian Valley (Exp. Cambridge).

Council.—Elmer C. Ross, deputy supervisor, Council.

Mann Creek.—Willard A. McDowell, Weiser.

Brownlee.—Elmer E. McGinness, Cambridge.

Hornet.—Ethel H. Fears, Council.

Bear.—Lawrence H. Garner, Bear (Exp. Council).

NEVADA

Humboldt.—Alexander McQueen, Elko (WU, P); W. K. Secrest, clerk.

Ranger District: Independence.—Charles E. Butler, Tuscarora (Exp. Elko).

Mountain City.—W. B. Hamlin, Mountain City (Exp. Elko).

Gold Creek.—J. W. Mink, Gold Creek (Exp. Elko).

Jarbridge.—L. E. McKenzie, Jarbridge (Exp. Rogerson).

North Ruby.—A. C. Rohwer, Arthur (Exp. Deeth).

South Ruby.—H. P. Talbot, Jiggs (Exp. Elko).

Paradise Valley.—Paul L. Travis, Paradise Valley (Exp. Winnemucca).

Quinn River.—Paul L. Travis, Rebel Creek (Exp. Winnemucca).

Nevada.—Chas. A. Beam, Ely (WU); Joseph R. Holmberg, clerk.

Ranger District: Baker.—Graham S. Quate, Baker (Exp. Ely).

Berry Creek.—George E. Moore, McGill.

Currant.—Claude R. Townsend, Preston (Exp. Ely).

Spring Valley.—Lloyd Robison, Aurum (Exp. Ely).

Toiyabe.—J. W. McGowan, Austin (WU, P); Ruth L. Trolson, clerk.

Ranger District: Manhattan.—Chas. F. Keller, Round Mountain (Exp. Austin).

Potts.—Roy A. Brown, Potts (Exp. Austin).

Reese River.—Ray Lorigan, Reese River (Exp. Austin).

Kingston.—F. H. Miller, Austin.

UTAH

Ashley.—Chas. DeMoisy, jr., Vernal (WU) ; Albert A. Hardy, assistant supervisor ; June P. Allan, clerk.

Ranger District: Manila.—Glen A. Lambert, Manila (Exp. Green River, Wyo.).

Vernal.—H. O. Van Tassell, Vernal.

Lonctree.—Clyde Lambert, Lonctree, Wyo. (Exp. Carter, Wyo.).

Whiterocks.—Geo. W. Walkup, Whiterocks (Exp. Price).

Lake Fork.—Albert E. Blood, Altonah (Exp. Price).

Cache.—Carl B. Arentson, Logan (WU) ; W. C. McCormick, assistant supervisor ; Margaret E. Jensen, clerk.

Ranger District: Logan River.—H. I. Rice, Logan ; S. Bryson Cook.

Laketown.—H. M. Peterson, Laketown (Exp. Paris, Idaho).

Paris.—W. S. Averill, Paris, Idaho.

Cub River.—Leroy Lindsay, Minkcreek, Idaho (Exp. Preston, Idaho).

Soda Springs.—D. M. Rustay, Soda Springs, Idaho.

Pocatello-Portneuf.—S. R. Justice, Pocatello, Idaho.

Oxford and Elkhorn.—W. H. Campbell, Malad, Idaho.

Dixie.—William M. Mace, Cedar City (WU) ; Ernest J. Rowett, clerk.

Ranger District: Enterprise.—John H. Kroencke, Enterprise (Exp. Modena).

Pine Valley.—Samuel A. Macfarlane, Pine Valley (Exp. Modena).

Leeds.—Earl V. Storm, Leeds (Exp. Cedar City).

Little Valley.—Keith A. Dodge, Parowan (Exp. Cedar City).

Lowder.—Frank W. Seaman, Cedar City.

Harris Flat.—William M. Hurst, Panguitch (Exp. Marysvale).

Fishlake.—C. A. Mattsson, Richfield (WU) ; James E. Gurr, assistant supervisor ; Milo H. Deming, grazing examiner ; Edna Baker, clerk.

Ranger District: Scipio.—Bert L. Robins, Scipio (Exp. Juab).

Fillmore.—James Jensen, Fillmore (Exp. Oasis).

Pahvant.—Milo T. Dyches, Richfield.

Koosharem.—James H. Baldwin, Monroe (Exp. Elsinore).

Belknap.—H. M. Christensen, Sevier.

Gooseberry.—Allen C. Folster, Salina.

Elkhorn.—Albert Albertson, Loa (Exp. Sigurd).

Fishlake.—Blaine Betenson, Koosharem (Exp. Sigurd).

Mountain Ranch.—John Barnard, Salina.

Big Flat.—Wilford E. Tangren, Beaver (Exp. Milford).

La Sal.—Orange A. Olsen, Moab (WU) ; C. D. Emery, clerk.

Ranger District: Mesa.—Lewis T. Quigley, deputy supervisor, Moab (Exp. Thompson).

La Sal.—H. A. Tangren, La Sal (Exp. Thompson).

Monticello.—Carroll J. Meador, Monticello (Exp. Thompson).

Grayson.—Marion P. Hunt, Blanding (Exp. Thompson) ; H. A. Tangren.

✓ **Manti.**—J. W. Humphrey, Ephraim (WU) ; S. S. Van Boskirk, assistant supervisor ; Carol J. Stevenson, clerk.

Ranger District: Mount Baldy.—Edward P. Cox, Manti.

Clay Springs.—D. H. Williams, Emery (Exp. Price).

Seely Creek.—Wells Thursby, Ephraim.

Bear Creek.—Byron A. Howard, Huntington (Exp. Price).

Canyon View.—Merrill Nielson, Mount Pleasant.

Mammoth.—Seth H. Ollerton, Fairview.

Joe's Valley.—P. M. V. Anderson, Orangeville (Exp. Price).

✓ **Powell.**—Wallace M. Riddle, Widtsoe (WU) ; Leo H. Nielson, clerk.

Ranger District: Rabbit Valley.—Wilford Bentley, Teasdale (Exp. Salina).

Escalante.—Elbert L. Cox, Escalante (Exp. Marysvale).

Johns Valley.—Thos. C. Haycock, Widtsoe (Exp. Marysvale).

East Fork.—Leland D. Heywood, Panguitch (Exp. Marysvale).

Adams Head.—J. Leo Keller, Circleville (Exp. Marysvale).

✓ **Uinta.**—John Raphael, Provo (WU) ; Walter M. Campbell, assistant supervisor ; Geo. O. Stevens, clerk.

Ranger District: Duchesne.—A. F. Richards, Duchesne.

Springville.—Parley C. Madsen, Springville.

Soldier Summit.—Charles H. Alfred, Spanish Fork.

Currant Creek.—George C. Larson, Heber.

Lake Creek.—Edson J. Adair, Heber.

Hanna.—R. A. Beauchamp, Hanna (Exp. Duchesne or Park City).

Nebo.—A. P. Christiansen, Nephi.

Nephi.— ———, Nephi.

✓ **Wasatch.**—Dana Parkinson, Salt Lake City (WU, P) ; Walter G. Mann, assistant supervisor ; La Rue Greening, clerk.

Ranger District: Big Cottonwood.—George A. Green, jr., Sandy (Exp. Midvale).

Pleasant Grove.—Vivian N. West, Pleasant Grove.

Salt Lake.—William W. Smith, Murray.

Kamas.—Morgan Parke, Kamas (Exp. Park City).

Blacks Fork.—Charles H. McDonald, Lyman, Wyo. (Exp. Carter, Wyo.).

WYOMING

✓ **Teton.**—A. C. McCain, Jackson (WU) ; E. G. Wieschuegel, technical assistant ; G. M. O'Neill, clerk.

Ranger District: Buffalo.—Richard H. Ohl, Elk (Exp. Victor, Idaho).

Blackrock.—Rudolph Rosencrans, Elk (Exp. Victor, Idaho).

Faler.—Roy Conner, Daniel (Exp. Opal).

Horsetail.—Bruce L. Coulter, Kelly (Exp. Victor, Idaho).

Goosewing.—Bruce L. Coulter, Kelly (Exp. Victor, Idaho).

Jackson.—Felix Buchenroth, Jackson (Exp. Victor, Idaho).

Bryan Flat.—Felix Buchenroth, Jackson (Exp. Victor, Idaho).

Stewart.—Charles S. Horel, Moose (Exp. Victor, Idaho).

Lee.—Earle W. Harris, Wilson (Exp. Victor, Idaho).

Wyoming.—C. E. Favre, Kemmerer (WU); A. G. Nord and Chas. E. Brackett, assistant supervisors; Max G. Shapiro and W. P. Osborn, technical assistants; Isabel Smith, clerk.

Ranger District: Kelly.—Robert S. Dalley, Cokeville.

Snyder Basin.—Chas. E. Brackett, Big Piney (Exp. Opal).

Sherman.—Leo E. Fest, Merna (Exp. Opal).

Bedford.—Fred Graham, Afton (Exp. Montpelier, Idaho).

Afton.—J. J. Albano, Afton (Exp. Montpelier).

Kendall.—Harry A. Cheeseman, Kendall (Exp. Rock Springs).

Willow Creek.—H. A. Shannon, Cora (Exp. Rock Springs).

Fremont.—Ernest E. McKee, Pinedale (Exp. Rock Springs).

Dutch Joe.—Martin Murphy, Big Sandy (Exp. Rock Springs).

Tie Sale.—Chas. E. Brackett, deputy supervisor, Kemmerer (Exp. Opal); E. V. Cockins, scaler; Ona A. Harrison, ranger.

DISTRICT 5

CALIFORNIA DISTRICT

California and southwestern Nevada. Office, Ferry Building, San Francisco, Calif.

PAUL G. REDINGTON, district forester.

LAW.—Office of the Solicitor (Forest Service branch). H. P. Dechant, assistant to the solicitor.

FINANCE AND ACCOUNTS.—A. W. Smith, chief of office and fiscal agent; P. A. Tucker, general assistant.

OPERATION.—Robert L. Deering, assistant district forester; L. W. Hess, assistant.

PERSONNEL, INSPECTION, AND IMPROVEMENTS.—Paul P. Pitchlynn.

FIRE.—E. I. Kotok.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—California; E. I. Kotok.

MAINTENANCE.—E. H. Schmieder.

Minor Roads and Trails.—F. D. Bowlus and W. A. Huestis.

TELEPHONE ENGINEERING.—F. H. Hafley.

FOREST MANAGEMENT.—T. D. Woodbury, assistant district forester; C. E. Dunston, assistant.

LOGGING ENGINEERING.—J. H. Price and J. R. Berry.

TIMBER SALES, FIELD SUPERVISION.—J. C. Elliott.

TIMBER SURVEYS.—O. M. Evans.

FOREST PATHOLOGY (Bureau of Plant Industry).—E. P. Meinecke, H. G. Lachmund, Willis W. Wagener, and L. S. Gill; Frank L. Saltzman, Experiment Station.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—H. E. Burke (Palo Alto, Calif.) and J. M. Miller (Northfolk, Calif.), consulting entomologists.

GRAZING.—Jesse W. Nelson, assistant district forester; R. R. Hill, inspector of grazing.

LANDS.—L. A. Barrett, assistant district forester; George Miller, assistant inspector.

MINERAL EXAMINATION, LAND CLASSIFICATION, AND ENTRY SURVEYS.—W. H. Friedhoff.

RESEARCH.—S. B. Snow, silviculturist; Duncan Dunning, associate silviculturist.

FOREST PRODUCTS.—C. L. Hill; C. Burdett Green; Carl A. Kupfer, collaborator.

ENGINEERING.—F. E. Bonner, district engineer.

MAPS AND SURVEYS.—S. N. Stoner.

Drafting.—H. A. Sedelmeyer.

ROADS.—Don M. Hoffman, J. H. Lawrence.

WATER POWER.—E. W. Kramer, S. H. Ketcham.

PUBLIC RELATIONS.—W. I. Hutchinson, assistant district forester.

EXHIBITS.—Paul J. Fair.

NATIONAL FORESTS

CALIFORNIA

Angeles.—R. H. Charlton, Los Angeles (WU, P); Earl V. Lackey, executive assistant.

Ranger District: Pasadena.—Lewis H. Anderson, assistant supervisor, Pasadena. Arroyo Seco Division: A. J. Mueller, Pasadena. Monrovia Division: M. H. Davis, Sierra Madre. San Antonio Division: A. T. Shay, Upland. San Dimas Division: E. L. Buxton, San Dimas. San Fernando Division: C. D. Nash, San Fernando. San Gabriel Division: ———, Azusa. Valyermo Division: L. H. Dorr, Valyermo. West Fork Division: M. H. Davis, Sierra Madre.

Ranger District: San Bernardino.—Fred J. Jeken, assistant supervisor, San Bernardino; H. H. Hunt, ranger, special uses. Banning Division: C. A. Morris, Banning. Big Bear Division: Ray McCormick, Pine Knot. Burnt Mill Division: B. W. Switzer, Lake Arrowhead. Cajon Division: Harry F. Burbank, Cajon. Lytle Creek Division: J. H. Hayden, Glenn Ranch. Mill Creek Division: J. H. Sanborn, Mentone. San Bernardino Division: ———, Del Rosa. Skyland Division: F. W. Funke, Crestline.

✓ **California.**—J. D. Coffman, Willows (WU); W. F. Derby, assistant supervisor; Fred P. Cronemiller, F. G. Renner, and Ashbel F. Hough, technical assistants (grazing); Robert J. Settles, executive assistant.

Ranger District: Covelo.—Douglas Robinson, Covelo (Exp. Dos Rios).

Paskenta.—Everett Smith, Paskenta (Exp. Corning).

Stonyford.—R. G. Stites, Stonyford (Exp. Maxwell).

Upper Lake.—M. W. Durham, Upper Lake (Exp. Ukiah).

3 **Cleveland.**—S. A. Boulden, San Diego (P); H. V. Beeks, clerk.

Ranger District: Descanso.—J. B. Stephenson, Descanso (Exp. San Diego).

Palomar.—C. W. Beardsley, Aguanga (Exp. Hemet); J. L. Ozanne.

San Jacinto.—A. J. Berg, Hemet.

Trabuco.—H. I. Snider, Corona; E. W. Searcy.

- Eldorado.**—E. F. Smith, Placerville (WU); Geo. M. Gowan, technical assistant; Margaret J. Lyon, clerk.
- Ranger District: Calder.*—A. W. Hughes, Diamond Springs.
- Georgetown.*—R. C. M. Berriman, Georgetown (Exp. Placerville); James J. Price.
- Pacific.*—M. D. Morris, Camino (Exp. Placerville); R. R. Bryan.
- Inyo.**—Thomas J. Jones, Bishop (WU); Leon J. Cranston, ranger; Hugo W. Lamont, clerk.
- Ranger District: Big Pine.*—L. H. Brainerd, Big Pine.
- Mammoth.*—H. H. Simpson, Mammoth Lakes.
- Mount Whitney.*—W. E. Hotelling, Lone Pine.
- White Mountain.*—Guy S. Way, Bishop.
- Klamath.**—F. D. Douthitt, Yreka (WU); Perry J. Hill, assistant supervisor; Marc W. Edmonds, technical assistant; Wm. C. Godfrey, Hilts; Alice I. Cheesebrough, clerk.
- Ranger District: Happy Camp.*—E. M. Sutcliffe, Happy Camp (Exp. Hornbrook).
- Orleans.*—E. P. Hickey, Orleans (Exp. Eureka).
- Sawyers Bar.*—Judell M. Sammon, Sawyers Bar (Exp. Yreka).
- Scott River.*—George B. Young, Scott Bar (Exp. Yreka).
- Yreka.*—Charles H. Simrson, Yreka.
- Lassen.**—W. G. Durbin, Susanville (WU); J. E. Elliott, assistant supervisor; A. E. Weislander and B. O. Hughes, technical assistants; V. S. Brown, lumberman; J. A. O'Connell, executive assistant.
- Ranger District: Bogard.*—E. V. Patterson, Susanville.
- Coppervale.*—Frank B. Delaney, Westwood.
- Hat Creek.*—Reuben P. Box, Hat Creek (Exp. Redding).
- Magalia.*—C. D. Merrill, Magalia; Carl A. Syme.
- Mineral.*—W. S. Williams, Mineral; Edison R. McClard.
- Modoc.**—George W. Lyons, Alturas (WU); Leland S. Smith, technical assistant (grazing); Orvill P. Burnett, technical assistant; Wm. S. Brown, executive assistant.
- Ranger District: Big Valley.*—A. W. Bramhall, Adin (Exp. Alturas).
- Devils Garden.*—J. C. Davis, Alturas.
- Happy Camp-Doublehead.*—Ivan A. Cuff, Malin, Oreg. (Exp. Klamath Falls, Oreg.); Oscar L. Barnum.
- North Warners.*—L. L. Smith, Willow Ranch.
- South Warners.*—Ben L. Johnson, Cedarville (Exp. Alturas).
- Plumas.**—D. N. Rogers, Quincy (WU); Geo. R. Orr, logging engineer; John S. Everitt, John C. Sammi and James E. Pemberton, technical assistants; Richard L. Wiley, executive assistant.
- Ranger District: Beckwith.*—A. E. Gould, Blairsden.
- Greenville.*—H. F. Wilcox, Greenville (Exp. Crescent Mills).
- La Porta.*—Wm. Hayes, Challenge (Exp. Oroville).
- Merrimac.*—Edward G. Madsen, Merrimac (Exp. Oroville).
- Milford.*—C. R. Mainwaring, Milford (Exp. Doyle).
- Quincy.*—H. A. Kloppenburg, Quincy.
- Yellow Creek.*—W. C. Bader, Chester (Exp. Crescent Mills).

10 **Santa Barbara.**—C. E. Jordan, Santa Barbara (WU, P); Wm. V. Mendenhall, assistant supervisor; Frank A. Robinson, ranger (grazing); Chlo S. Hubbs, clerk.

Ranger District: Coast and Santa Ynez.—Frank E. Dunne, Santa Barbara.

San Luis.—Curtis E. Branson, Arroyo Grande.

Zaca.—J. J. Libeu, Los Olivos.

Cuyama.—Jacinto D. Reyes, Scheideck (Exp. Maricopa).

Monterey.—Clarence A. Chamberlain, King City.

Ojai.—Harry R. Valentine, Ojai.

Saugus.—N. E. Peterson, Newhall.

Tejon.—V. C. DeLapp, Gorman (Exp. Lancaster).

11 **Sequoia.**—Frank P. Cunningham, Porterville (WU, P); Lee Slinkard, assistant supervisor; Walter E. Jotter, technical assistant; H. L. Phelps, clerk.

Ranger District: Breckenridge.—Westley H. Rhodehamel, Caliente.

Cannell Meadow.—Ray Stevenson, Isabella (Exp. Caliente).

Deer Creek.—W. J. Brown, Hot Springs (Exp. Ducor); Roswell L. Tibbitts.

Greenhorn.—Robert J. Beard, Glenville (Exp. Bakersfield).

Kings Canyon.—A. R. Lackey, Badger (Exp. Cutler); J. Ray Stephens.

Tule River.—Wesley Snider, Springville.

12 **Shasta.**—J. R. Hall, Mount Shasta (WU, P); Belknap C. Goldsmith, logging engineer; Leonard F. Kellogg, technical assistant; Carrie E. Green, clerk.

Ranger District: McCloud.—Earl F. Sullaway, McCloud; Marvin E. Williams.

Pitt.—Frank Myers, Cayton (Exp. Bartle).

Sacramento.—Leslie T. Solaro, Mt. Shasta; Marvin E. Williams.

Scott.—F. H. Williams, Callahan (Exp. Gazelle).

Squaw Creek.—William H. Spargo, Winthrop (Exp. Redding).

Trinity.—A. E. Noren, Trinity (Exp. Redding).

13 **Sierra.**—M. A. Benedict, Northfork (WU, Exp. Fresno); Roy Boothe, assistant supervisor; Burnett Sanford, technical assistant; John M. Hughes, ranger; Julia Greff, clerk.

Ranger District: High Sierra.—James U. Poore, Pineridge (Exp. Cascada).

Kings River.—Isaac R. Bays, Pineridge (Exp. Cascada).

Mariposa.—Malcolm McLeod, Nipinnawasee (Exp. Raymond).

Northfork.—Audie K. Wofford, Northfork (Exp. Fresno); E. S. Mainwaring and Frank M. Sweeley.

Pineridge.—Frank Price, Big Creek (Exp. Cascada); Elridge Westfall.

¹⁴
Stanislaus.—J. V. Wulff, Sonora (WU); Claude K. Barker, assistant supervisor; W. S. Price, lumberman; M. R. Brundage and Robert M. Riley, technical assistants; Claude K. Barker, ranger; Florence G. Chamberlain, clerk.

Ranger District: American Camp.—P. Y. Lewis, Columbia (Exp. Sonora).

Calaveras.—C. L. Boethe, Murphy (Exp. Angels Camp); Frank McCaslin, ranger.

Center Camp.—E. F. Tyler, Confidence (Exp. Sonora).

Riverside.—A. E. Freer, Tuolumne.

¹⁵
Tuolumne.—R. L. Kloppenburg, Groveland (Exp. Sonora); W. J. Brokenshire.

Tahoe.—R. L. P. Bigelow, Nevada City (WU); Fred J. Dooley, lumberman; R. W. Ayres and Millard M. Barnum, technical assistants; E. P. Gleason, grazing; Wm. M. Gracey, executive assistant.

Ranger District: Camptonville.—C. E. Whittum, Camptonville (Exp. Nevada City).

Downieville.—George E. King, Goodyears Bar (Exp. Nevada City).

Emigrant Gap.—C. F. Hurst, Cisco.

Foresthill.—F. A. Land, Foresthill (Exp. Colfax).

North Bloomfield.—Carl T. Larsen, North Bloomfield (Exp. Nevada City).

Sierraville.—J. A. McIntosh, Sierraville (Exp. Loyalton); F. W. Meggers.

¹⁶
Truckee.—Lee R. DeCamp, Truckee.

Trinity.—B. H. Mace, Weaverville (WU); John T. Gray, assistant supervisor; Nellie M. Hennessy, clerk.

Ranger District: Hayfork and Hyampom.—Harry Everest, Hayfork (Exp. Weaverville); Jas. N. McKnight, Hyampom.

Lower Trinity.—F. A. Graham, Salyer (Exp. Korbel).

Upper Trinity.—W. C. Graham, Weaverville.

Mad River.—Iles McNeill, Ruth (Exp. Carlotta).

Yolo Bola.—Alva Tracy, Knob (Exp. Redding).

NEVADA

¹⁷
Mono.—Wm. M. Maule, Minden (WU); Walter S. Young, clerk.

Ranger District: Alpine.—W. J. Clark, Markleville, Calif. (Exp. Minden).

Bridgeport.—H. W. Atcheson, Bridgeport, Calif. (Exp. Minden).

Mono Lake.—W. E. Green, Mono Lake, Calif. (Exp. Minden).

Sweetwater.—C. E. Johnson, Sweetwater (Exp. Minden).

DISTRICT 6

NORTH PACIFIC DISTRICT

Washington and Oregon. Office, Post Office Building, Portland, Oreg.
GEO. H. CECIL, district forester.

LAW.—Office of the Solicitor (Forest Service branch). W. F. Staley, assistant to the solicitor.

FINANCE AND ACCOUNTS.—A. H. Cousins, chief of office and fiscal agent; H. J. Weil, general assistant.

OPERATION.—A. O. Waha, assistant district forester; Shirley Buck, assistant.

FIRE PROTECTION.—W. B. Osborne, jr.

IMPROVEMENTS, MINOR ROADS, AND TRAILS.—F. H. Brundage and T. P. Flynn.

TELEPHONE ENGINEERING.—C. M. Allen.

LAW ENFORCEMENT.—T. M. Talbott.

INSPECTION OF PROTECTION OF OREGON & CALIFORNIA RAILROAD LANDS.—E. H. MacDaniels.

STATE COOPERATIVE FIRE PROTECTION, UNDER THE WEEKS LAW.—Washington and Oregon; E. H. MacDaniels and T. M. Talbott.

MAINTENANCE.—H. G. Whitney, in charge equipment depot; R. M. Filloon.

FOREST MANAGEMENT.—Fred Ames, assistant district forester; W. F. Ramsdell, assistant.

LOGGING ENGINEERING.—Bruce E. Hoffman, Geo. L. Drake, and O. F. Eriscon.

TIMBER SALES, FIELD SUPERVISION.—G. E. Stevenson.

TIMBER SURVEYS.—Fred A. Matz, E. D. Collins, and E. J. Schlatter.

INSECT CONTROL.—A. J. Jaenicke.

FOREST INSECT INVESTIGATIONS (Bureau of Entomology).—F. P. Keene (Klamath Falls, Oreg.) and J. E. Patterson, consulting entomologists; H. L. Person, O. J. Hauge, and Harry A. Wise.

FOREST PATHOLOGY (Bureau of Plant Industry).—John S. Boyce.

PLANTING AND FOREST INVESTIGATIONS.—J. F. Kummel and E. J. Hanzlik.

GRAZING.—E. N. Kavanagh, assistant district forester; J. L. Peterson, assistant.

STUDIES.—D. C. Ingram.

LANDS.—C. J. Buck, assistant district forester; F. W. Cleator and W. M. H. Woodward.

LAND EXCHANGES.—Ryle Teed and Adolph Nilsson.

ENGINEERING.—Philip H. Dater, district engineer.

MAPS AND SURVEYS.—A. H. Hodgson, Lage Wernstedt, and James Frankland.

Drafting.—V. H. Flach.

ROADS.—Philip H. Dater, Cecil A. Lord, and E. R. Johnson.

WATER POWER.—Philip H. Dater.

PRODUCTS.—W. H. Gibbons; H. M. Johnson, assistant, Portland; C. W. Zimmerman and H. C. Stinson, engineer and assistant engineer in forest products, Seattle.

PUBLIC RELATIONS.—John D. Guthrie, assistant district forester; Geo. E. Griffith.

NATIONAL FORESTS

OREGON

- Cascade.**—N. F. Macduff, Eugene (WU, P); Wm. R. Shoemaker and C. R. Lockard, technical assistants; A. T. Moses, clerk.
Ranger District: McKenzie Bridge.—S. L. Taylor, McKenzie Bridge.
West Boundary.—C. B. McFarland, Landax.
Oakridge.—J. F. Campbell, Oakridge; W. R. Farnham and H. J. Engles.
Timber Sale.—C. F. Allen, scaler, Westfir.
- Crater.**—H. B. Rankin, Medford (WU, P); Will J. Sproat and Lee P. Brown, technical assistants; F. V. Horton, technical assistant (grazing); Floyd F. Murray, ranger; E. V. Cook, clerk.
Ranger District: Rogue River.—A. T. Poole, Trail.
Dead Indian-Butte Falls.—W. L. Jones, Medford.
Applegate.—Lee C. Port, Jacksonville.
Klamath.—E. J. Rogers, Fort Klamath.
Timber sale.—J. D. Holst, G. H. West, R. U. Cambers, and S. A. Moore, lumbermen; J. E. Gribble, ranger.
- Deschutes.**—H. L. Plumb, Bend (WU, P); W. O. Harriman, assistant supervisor; H. S. Yetter, technical assistant; Bert A. Nason, scaler; J. W. Collette, executive assistant.
Ranger District: Bend.—Archie E. Estes; L. H. Melchisedeck, Bend.
Sisters.—P. A. South, Sisters.
La Pine.—Roy Mitchell, La Pine.
Crescent.—Sanford Floe, Crescent.
Fort Rock.—Ben Smith, Fort Rock.
- Fremont.**—Gilbert D. Brown, Lakeview (WU, P); Lawrence Frizzell, assistant supervisor; Helen M. Minthorn, clerk.
Ranger District: Warner.—P. V. Ingram, Lakeview.
Dog Lake.—J. G. C. Elgen, Lakeview.
Bly.—N. C. White, Lakeview.
Paisley.—Carl Ewing, Paisley; Karl Langfield.
Silver Lake.—W. A. LaSater, Silver Lake.
- Malheur.**—C. C. Reid, John Day (WU); P. A. Thompson, assistant supervisor; R. B. Pierpont, superintendent of construction; M. F. Hennen, clerk.
Ranger District: Crane Prairie.—F. V. Bradford, Prairie City.
Logan Valley.—K. H. McCool, John Day.
Crow Flat.—G. C. Blake, Burns.
Bear Valley.—Arthur Raidigan, Logdell.
John Day.—H. R. Elliott, John Day.
Hiyu.—M. O. Timms, Long Creek.
- Mount Hood.**—T. H. Sherrard, Portland (WU, P); A. G. Jackson and H. D. Foster, technical assistants; M. V. Livingston, executive assistant.
Ranger District: Hood River.—S. C. Walters, Mount Hood.
Columbia.—E. W. Wheeler, Cascade Locks.
Bull Run.—Raymond E. Smith, Welches.
White River.—Eric H. Gordon, Dufur; W. S. Mead.
Clackamas.—Joe. A. Graham, Wapinitia; A. W. Borigo.
Collawash.—R. T. Carter, Estacada.
Eagle Creek Camp Grounds.—Albert Wiesendanger, Cascade Locks.

Ochoco.—V. V. Harpham, Prineville (WU, PT & T); W. A. Donnelly, assistant supervisor; Hattie W. Goodknight, clerk.

Ranger District: Beaver-Maury.—C. S. Congleton, Paulina.

Mill Creek.—J. O. F. Anderson, Prineville.

Lookout-Pisgah.—Lee Blevins, Prineville.

Antone.—Ralph Elder, Mitchell.

Snow Mountain.—E. W. Donnelly, Suplee.

Santiam.—C. C. Hall, Albany (WU, P); H. G. White, assistant supervisor; H. R. Spelman and R. S. Bacon, technical assistants; Ivy I. Boeck, clerk.

Ranger District: Detroit.—R. A. Elliott, Detroit.

Cascadia.—F. A. Davis, Cascadia; L. D. Bailey.

Timber Sale.—F. W. Stahlman, Detroit, and J. R. Blake, rangers.

Siskiyou.—A. H. Wright, Grants Pass (WU, P); M. M. Lewis, assistant supervisor; H. E. Haefner, technical assistant; F. I. Abrams, clerk.

Ranger District: Port Orford.— ———, Powers.

Agness.—R. O. Park, Agness.

Galice.— ———, Merlin.

Page Creek.—J. P. DeWitt, Takilma; J. C. Scharff.

Chetco.—A. A. Wilke, Smith River, Calif.

Gasquet.—G. S. Case, Waldo.

Siuslaw.—Ralph S. Shelley, Eugene (WU, P); A. R. Wilcox, technical assistant; H. H. Long, clerk.

Ranger District: Hebo.—L. E. Garwood, Hebo.

Waldport.—Walter Sackman, Waldport.

Florence.—P. N. Stephenson, Florence.

Gardiner.—M. H. Durbin, Gardiner.

Mapleton.—E. S. Kerby, Mapleton.

Timber Sale.—M. S. Durbin, scaler, Eugene.

Umatilla.—K. P. Cecil, Pendleton (WU, P); H. E. Vincent, assistant supervisor; J. M. Mann, superintendent of construction; Robert W. Thomas, executive assistant.

Ranger District: Asotin.—Albert Baker, Pomeroy, Wash.

Touchet.—W. H. Kendall, Dayton, Wash.

Walla Walla.—Charles F. Groom, Walla Walla, Wash.

Grande Ronde.—F. W. Kendall, La Grande.

Heppner.—J. G. Clouston, Parkers Mill.

Gurdane.—S. R. Woods, Ukiah.

Ukiah.—W. W. Allison, Ukiah.

Umpqua.—Carl B. Neal, Roseburg (WU, P); George A. Bonebrake, assistant supervisor; O. C. Houser, ranger; Frank Richmond, clerk.

Ranger District: Bohemia.—E. S. Holderman, Disston.

North Umpqua.—Fred Asam, Glide.

South Umpqua.— ———, Tiller.

Quartz Mountain.—Hugh A. Ritter, Glide.

Diamond Lake.—Benj. B. Irving, Roseburg.

¹³
Wallowa.—Nelson J. Billings, Wallowa (WU); D. A. Christianson, technical assistant; C. H. Thorp, executive assistant.

Ranger District: Bear Creek.—L. A. Carpenter, Wallowa.

Joseph.—J. F. McClain, Joseph.

Imnaha.—W. G. Miller, Imnaha.

Snake River.—W. G. Miller, Imnaha.

Chesnimnus.—R. H. Harper, Enterprise.

Sled Springs.—L. A. Carpenter, Wallowa.

Timber Sale.—Geo. Donaldson, lumberman; G. L. Smith, ranger.

¹⁴
Whitman.—John C. Kuhns, Baker (WU); J. F. Irwin, assistant supervisor; I. E. Jones, superintendent of construction; W. C. Waterbury, lumberman; F. W. Furst and R. W. Putnam, technical assistants; W. L. Dutton and M. R. Harris, technical assistants (grazing); H. J. Stratford, executive assistant.

Ranger District: Sumpter.—Rolland Huff, Sumpter.

North Powder.—A. G. Angell, North Powder.

Desolation.—Geo. O. Langdon, Ukiah.

Austin.—Dan. W. Fisk, Austin.

Burnt River.—Lloyd M. Judy, Unity.

Pine.—W. D. Foreman, Halfway.

Eagle.—Clyde O. Bloom, Medical Springs.

Grande Ronde.—Paul M. Ellis, Cove.

Timber Sale.—Allard Shipman and J. H. Roush, scalers; L. J. Wirth and M. J. Brown, rangers.

WASHINGTON

¹⁵
Chelan.—P. T. Harris, Okanogan (WU, PT & T); G. E. Mitchell, assistant supervisor; R. L. Cline, superintendent of construction; Robert S. Maclay, technical assistant; W. A. Steiner, executive assistant.

Ranger District: Loomis.— ———, Loomis.

Conconully.—F. F. Wehmeyer, Conconully.

Sweat Creek.— ———, Okanogan.

Squaw Creek.—R. E. Grantham, Pateros.

Alder Creek.—J. G. Burghardt, Twisp; H. T. Phelps.

Eight Mile.—A. R. Tyler, Winthrop; W. F. Burge.

Stehekin.—Geo. R. Wright, Stehekin.

Chelan.—Asher Ireland, Chelan.

¹⁶
Columbia.—H. M. White, acting supervisor, Portland, Oreg. (WU, P); G. A. Bright, technical assistant; R. A. Bottcher, superintendent of construction; Helena Smiley, clerk. Wind River Nursery; W. F. Will, planting assistant, Stabler.

Ranger District: Mount Adams.—H. W. Welty, Guler; Fred Hornquist.

Wind River.—C. W. Welty, Stabler; E. T. Skaar.

Spirit Lake.—J. H. Huffman, Cougar.

Timber Sale.—L. D. Blodgett and M. J. Mapes, rangers, Stabler.

Colville.—Lawrence B. Pagter, Republic (WU, P); A. W. Eastman, lumberman; Lloyd L. Hougland, superintendent of construction; T. H. Burgess, technical assistant; Gerald E. Vincent, ranger; Julia Lee, clerk.

Ranger District: Marcus.—Jesse Duffield, Marcus.

Danville.—Russell Buckley, Curlew.

Republic.—F. B. Folsom, Republic.

Orient.—Robert E. Foote, Orient.

Chesaw.—Geo. H. Wiltz, Chesaw.

Mount Baker.—C. H. Park, Bellingham (WU, P); R. L. Campbell, assistant supervisor; Jessie C. Davis, clerk.

Ranger District: Glacier.—G. C. Burch, Glacier.

Baker River.—Chas. M. Bagnell, Concrete.

Finney Creek-Suiattle.—John W. West, Sauk.

Skagit River.—Thomas Thompson, Marblemount.

Olympic.—R. L. Fromme, Olympia (WU, P); J. H. Billingslea and E. H. Hall, technical assistants; Clarence M. Adams, executive assistant.

Ranger District: Port Angeles.—Chris. Morgenroth, Port Angeles.

Quileene.—W. D. Bryan, Quilcene.

Hoodsport.—R. A. Hilligoss, Hoodsport.

Quinault.—J. W. Fulton, Quinault; G. H. Eckerson.

Timber Sale.—E. H. McArdle, lumberman, Brinnon; John D. Ahl, Eldon, and H. J. Gordon, Sequim, rangers.

Rainier.—E. J. Fenby, Tacoma (WU, P); A. A. Griffin, technical assistant; Geo. A. Vreeland, clerk.

Ranger District: Lower Cowlitz.—John Kirkpatrick, Randle.

Upper Cowlitz.—William Sethe, Lewis.

Mineral.—Jules Hagon, Mineral.

White River.—Arnold Arneson, Enumclaw.

Naches.—Harry Croxford, Nile.

Tieton.—Lawrence Russell, Naches.

Timber Sale.—R. J. O'Farrell, lumberman, Buckley; W. F. Lessenger, ranger, Nile.

Snoqualmie.—W. G. Weigle, Seattle (WU, P); Lewis A. Treen, jr., assistant supervisor; F. B. Myers and J. H. Buell, technical assistants; M. W. Prasch, executive assistant.

Ranger District: Darrington.—J. R. Bruckart, Darrington.

Silverton.—H. S. Tusler, Silverton.

Skykomish.—Geo. E. Sawyer, Skykomish.

Lester.—J. W. Lundin, Lester.

Timber Sale.—L. D. Hurt, lumberman, Snohomish; A. J. Briem, W. L. Stackpole, and R. J. Whaite, rangers, Darrington.

22

Wenatchee.—A. H. Sylvester, Wenatchee (WU); F. B. Lenzie, assistant supervisor; C. J. Conover, technical assistant; E. L. Springer, executive assistant.

Ranger District: Lake Wenatchee.—R. E. Nickles, Winton.

Chiwaukum.—Alfred McDonald, Winton.

Leavenworth.—S. A. Blankenship, Leavenworth.

Cashmere.—Lee F. Chartrand, Cashmere.

Liberty.—W. E. Anderson, Cle Elum.

Easton.—James McKenzie, Easton.

Entiat.—John S. Brender, Entiat.

Timber Sale.—F. A. Varo, lumberman, Leavenworth.

DISTRICT 7

EASTERN DISTRICT

Alabama, Arkansas, Florida, Georgia, Maine, New Hampshire, North Carolina, Oklahoma, Pennsylvania, Porto Rico, South Carolina, Tennessee, Virginia, West Virginia. Office, Atlantic Building, Washington, D. C.

F. W. REED, district forester.

LAW.—Office of the Solicitor (Forest Service branch). A. H. McConville, attorney, Office of the Solicitor.

Title attorneys and special assistants to the United States attorneys: M. B. Stickley, Washington, D. C.; W. L. Newman, Woodstock, Va.; John C. Forney, Moulton, Ala. Title attorneys: George E. Taylor, Knoxville, Tenn.; Alfred S. Grigg, Johnson City, Tenn.; Julius C. Fletcher, Lenior, N. C.; John Awtrey, Franklin, N. C.; H. A. Lamphrey, Warren, Pa.; Clem B. Wilson, Hot Springs National Park, Ark. Abstracter: John C. Laurent, Elkins, W. Va.

FINANCE AND ACCOUNTS.—M. E. Fagan, chief of office and fiscal agent.

OPERATION.—H. O. Stabler, assistant district forester; E. Murray Bruner, district forest inspector, Ashville, N. C.

FOREST MANAGEMENT.—R. M. Evans, assistant district forester.

GRAZING.—C. G. Smith, assistant district forester.

LANDS.—C. G. Smith, assistant district forester.

ACQUISITION.—W. W. Ashe, assistant district forester.

ENGINEERING.—J. C. Dort, district engineer; R. E. Pidgeon.

PUBLIC RELATIONS.—James E. Scott, assistant district forester.

NATIONAL FORESTS

ALABAMA

Alabama.—Burley M. Lufburrow, Moulton (WU).

Ranger District: Alabama.—H. J. McDowell, Moulton.

ARKANSAS

2 **Arkansas.**—Charles A. Plymale, Hot Springs National Park (WU); Everett B. Stone, jr., Walter J. Quick, jr., and A. J. Streinz, technical assistants; Marcus L. Bell, road foreman; Eunice L. Brown, clerk.

Ranger District: Womble.—Abner Casey, Womble.

Jessieville-Umphers.—George W. Casey, Jessieville (Exp. Hot Springs National Park).

Cold Spring.—David A. Younger, Cardiff (Exp. Waldron).

Oden.—T. F. Hale, Oden (Exp. Womble).

Eagleton-Shady.—S. C. Payne, Mena.

3 **Ozark.**—H. R. Koen, Russellville (WU); Ben F. Vaughan, minor roads and trails; Daniel Den Uyl and John R. Curry, technical assistants; T. T. Hall, clerk.

Ranger District: Sylamore.—Hugh R. Moore, Mountain View (Exp. Sylamore).

Bayou.—James M. Wait, Dover (Exp. Russellville).

Pleasant Hill.—J. W. McPherson, Freeman Springs (Exp. Russellville).

White Rock.—James A. Mason, Cass (Exp. Ozark).

FLORIDA

4 **Florida.**—W. F. Hill, Pensacola (WU, P); E. Ailsia Russell, clerk.

Ranger District: Camp Pinchot.—E. R. McKee, assistant supervisor, Valparaiso (Exp. Crestview).

East Bay.—Otis B. Fort, Holly.

Mossyhead.—J. E. Clark, Mossyhead.

Bayou.—G. B. Anchors, Valparaiso (Exp. Crestview).

Ocala.—C. H. Rogers, deputy supervisor, Lynne (Exp. Ocala).

NEW HAMPSHIRE

5 **White Mountain.**—Ira T. Yarnall, Gorham (WU, P); H. R. Currier and C. L. Perkins, assistant supervisors; W. D. Black, technical assistant; Helen Brooks, clerk.

Ranger District: Gorham.—Truman E. Hale, Gorham.

Twin Mountain.—Clifford L. Graham, Twin Mountain.

Bartlett.—Geo. E. Spinney, Bartlett.

Woodstock.—Arthur G. Brown, Woodstock.

NORTH CAROLINA

1 **Nantahala.**—R. W. Shields, Franklin (WU); John Wasilik, jr., technical assistant; W. N. Sloan, examiner of surveys; Mamie B. Horsley, clerk.

Ranger District: Clayton.—R. C. Nicholson, Clayton, Ga.

Highlands.—J. Grady Siler, jr., Highlands.

Nantahala.—Thos. W. Alexander, Franklin.

Pisgah (includes Pisgah, Boone, Mount Mitchell, the northern portion of the Nantahala, and the southwestern portion of the Unaka Purchase Units).—Verne Rhoades, Asheville (WU, P); Arnold C. Shaw, technical assistant; Ed. Hollingsworth, road foreman; Belle M. Morrison, clerk.

Ranger District: Davidson River.—J. E. Potts, Pisgah Forest.

Bent Creek-Big Ivy.—Clarence L. Fink, Biltmore.

Catawba-South Toe.—Chas. S. Dunn, Old Fort.

Wilson Creek.—Monroe Coffey, Edgemont.

French Broad.—Lorenzo Jared, Hot Springs.

OKLAHOMA

Wichita.—S. M. Shanklin, Cache (WU).

Ranger District: Wichita.—Leo Hawthorne, Cache.

PENNSYLVANIA

Allegheny.—L. L. Bishop, Warren (WU, P); L. S. Gross and P. M. Hodgkins, technical assistants; A. R. Kinney, and A. A. Riemer, examiners of surveys; Mary Hamme, clerk.

Ranger District: Allegheny.—Raymond M. Conarro, Warren, Pa.

PORTO RICO

Luquillo.—Wm. P. Kramer, Rio Piedras.

TENNESSEE

Cherokee.—M. A. Mattoon, Knoxville (WU, P); Norman P. White, technical assistant; James Denman, examiner of surveys; Isham E. Ball, road foreman; Crawford Du Pree, clerk.

Ranger District: Toxcoo.—W. A. Woody, Sarah, Ga. (Exp. Gainesville, Ga.).

Hiwassee-Ocoee.—W. P. Duncan, Reliance.

Tellico River.—Leland Fouts, Tellico Plains.

Unaka.—W. H. Stoneburner, Bristol (WU); R. T. Reed, assistant supervisor; D. W. Tabbutt, technical assistant; Susie L. Campbell, clerk.

Ranger District: Damascus.—W. G. Thompson, Damascus, Va.

Carter.—G. W. Cole, Watauga Valley (Exp. Hunter).

Erwin.—Albert C. Dahl, Erwin.

VIRGINIA

Natural Bridge.—H. M. Sears, Lynchburg (WU); H. L. Russell, technical assistant; John W. McNair, assistant supervisor.

Ranger District: Glenwood.—Edwin M. Manchester, Natural Bridge Station.

Pedlar.—Thomas A. Wilson, Buena Vista.

Montebello.—G. W. Watts, Stuarts Draft.

Shenandoah.—S. H. Marsh, Harrisonburg (WU); C. E. Beaumont, technical assistant; E. R. Conrad, examiner of surveys, Edinburg; Wm. P. Dale, assistant supervisor; Helen W. Gordon, clerk.

Ranger District: Deerfield.—H. B. Eye, Deerfield.

North River.—D. K. Hendee, Dayton.

Lost River.—Arthur A. Wood, Lost River, W. Va.

Capon.—J. F. Keckley, Wardensville, W. Va.

Massanutten.—John W. Crisman, Edith.

WEST VIRGINIA

15 Monongahela.—W. E. Hedges, Elkins (WU); Geo. W. Root, examiner of surveys; Fred C. Henneberger and Wingate I. Stevens, technical assistants; Daisy L. Christie, clerk.

Ranger District: North.—Charles E. Long, Gladwin.

South.—Roscoe Arbogast, Thornwood.

DISTRICT 8

ALASKA DISTRICT

Alaska. Office, Goldstein Building, Juneau, Alaska.

CHARLES H. FLORY, district forester.

LAW.—Office of the Solicitor (Forest Service branch). W. F. Staley, Portland, Oreg., assistant to the solicitor.

FINANCE AND ACCOUNTS.—H. L. Redlingshafer, fiscal agent.

OPERATION.—M. L. Merritt, assistant district forester.

MAINTENANCE.—Harry Sperling.

FOREST MANAGEMENT.—B. F. Heintzleman, assistant district forester.

TIMBER SURVEYS.—J. P. Williams.

LANDS.—M. L. Merritt, assistant district forester; Wellman Holbrook.

ENGINEERING.———.

Drafting.—Florence Shafer.

ROADS.—M. L. Merritt.

WATER POWER.—B. F. Heintzleman.

NATIONAL FORESTS

ALASKA

Chugach.—W. J. McDonald, Cordova (WU, P); L. C. Pratt, executive assistant.

Ranger District: Prince William Sound.—Thomas E. Murray, Cordova.

Katalla.—E. M. Jacobsen, Katalla.

Seward.—John G. Brady, Anchorage.

Tongass.—Robert A. Zeller, Ketchikan (WU ; P ; SC, USA) ; J. M. Walley and H. J. Lutz, technical assistants ; Lyle W. Blodgett, port engineer ; B. R. Aikens, pilot and gas engineer ; W. C. Keyes, executive assistant ; Helen Gould, clerk.

Ranger District: Ketchikan.—J. M. Wyckoff, Ketchikan.

Petersburg.—J. L. MacKechnie, Petersburg.

Juneau.—H. E. Smith, Juneau.

Sitka.—George H. Peterson, Sitka.

Craig.—John A. Thayer, Craig.



